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# PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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NEWS	6	FEB	16	New FASTA Display Formats Added to USGENE and PCTGEN
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NEWS	10	APR	02	PATDPAFULL: Application and priority number formats enhanced
NEWS	11	APR	02	DWPI: New display format ALLSTR available
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NEWS	13	APR	02	EMBASE Adds Unique Records from MEDLINE, Expanding Coverage back to 1948
NEWS	14	APR	07	CA/CAplus CLASS Display Streamlined with Removal of Pre-IPC 8 Data Fields
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NEWS	16	APR	07	MEDLINE Coverage Is Extended Back to 1947
NEWS	17	JUN	16	WPI First View (File WPIFV) will no longer be available after July 30, 2010
NEWS	18	JUN	18	DWPI: New coverage - French Granted Patents
NEWS	19	JUN	18	CAS and FIZ Karlsruhe announce plans for a new STN platform
NEWS	20	JUN	18	IPC codes have been added to the INSPEC backfile (1969-2009)
NEWS	21	JUN	21	Removal of Pre-IPC 8 data fields streamline displays in CA/CAplus, CASREACT, and MARPAT
NEWS	22	JUN	21	Access an additional 1.8 million records exclusively enhanced with 1.9 million CAS Registry Numbers EMBASE Classic on STN
NEWS	23	JUN	28	Introducing "CAS Chemistry Research Report": 40 Years of Biofuel Research Reveal China Now Atop U.S. in Patenting and Commercialization of Bioethanol
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NEWS 24 JUN 29 Enhanced Batch Search Options in DGENE, USGENE,

#### and PCTGEN

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2, AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

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=> file reg
COST IN U.S. DOLLARS

SINCE FILE TOTAL
ENTRY SESSION
0.22 0.22

FULL ESTIMATED COST

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=>

Uploading C:\Program Files\STNEXP\Queries\10569873 formula II.str





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chain nodes :
1  2  3  4  11  12  13  14  18  19  21  22
ring nodes :
5  6  7  8  9  10
chain bonds :
1-2  1-3  1-18  3-4  11-12  11-13  11-14  18-19  19-21  21-22
ring bonds :
5-6  5-10  6-7  7-8  8-9  9-10
exact/norm bonds :
1-2  1-3  1-18  18-19  19-21  21-22
exact bonds :
3-4  11-12  11-13  11-14
normalized bonds :
5-6  5-10  6-7  7-8  8-9  9-10
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### G1:C,O,S,N

# Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 18:CLASS 19:CLASS 21:Atom 22:Atom

# Generic attributes :

21:

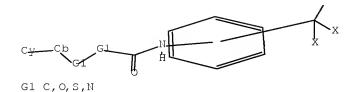
Saturation : Unsaturated Number of Carbon Atoms : less than 7 Type of Ring System : Monocyclic

22:

Saturation : Unsaturated

### L1 STRUCTURE UPLOADED

=> d L1 L1 HAS NO ANSWERS L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s L1 SSS SAM

SAMPLE SEARCH INITIATED 10:01:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 97126 TO ITERATE

2.1% PROCESSED 2000 ITERATIONS

1 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 1923977 TO 1961063 PROJECTED ANSWERS: 553 TO 1389

L2 1 SEA SSS SAM L1

=> s L1 SSS full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:Y FULL SEARCH INITIATED 10:01:31 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 1943605 TO ITERATE

81.5% PROCESSED 158497	ITERATIONS	1981 ANSWERS
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91.8% PROCESSED 1783819 ITERATIONS 1982 ANSWERS

97.0% PROCESSED 1885875 ITERATIONS 1982 ANSWERS

100.0% PROCESSED 1943605 ITERATIONS 1982 ANSWERS

SEARCH TIME: 00.01.10

L3 1982 SEA SSS FUL L1

=> file caplus

COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST 193.50 193.72

FILE 'CAPLUS' ENTERED AT 10:02:47 ON 13 JUL 2010
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FILE COVERS 1907 - 13 Jul 2010 VOL 153 ISS 3

FILE LAST UPDATED: 12 Jul 2010 (20100712/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2010

CAplus now includes complete International Patent Classification (IPC) reclassification data for the second quarter of 2010.

CAS Information Use Policies apply and are available at:

### http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L3 SSS full L4 54 L3

=> d ibib abs hitstr 1-YOU HAVE REQUESTED DATA FROM 54 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2010:273629 CAPLUS <u>Full-text</u>

DOCUMENT NUMBER: 152:311595

TITLE: Preparation of oxazole, oxadiazole and thiazole

compounds as diacylglycerol acyltransferase inhibitors

INVENTOR(S): Gangopadhyay, Ashok Kumar; Kadam, Kishorkumar

Shivajirao; Jadhav, Ravindra Dnyandev; Mistry, Hitesh;

Sharma, Rajiv

PATENT ASSIGNEE(S): Piramal Life Sciences Limited, India

SOURCE: PCT Int. Appl., 265pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2010023609	A1	20100304	WO 2009-IB53708	20090824
W: AE, AC	G, AL, AM, AC	), AT, AU, AZ	Z, BA, BB, BG, BH,	BR, BW, BY, BZ,
CA, CI	H, CL, CN, CC	, CR, CU, CZ	Z, DE, DK, DM, DO,	DZ, EC, EE, EG,
ES, F	, GB, GD, GE	G, GH, GM, GT	r, HN, HR, HU, ID,	IL, IN, IS, JP,
KE, KO	G, KM, KN, KE	, KR, KZ, LA	A, LC, LK, LR, LS,	LT, LU, LY, MA,
MD, MI	E, MG, MK, MN	I, MW, MX, MY	Y, MZ, NA, NG, NI,	NO, NZ, OM, PE,
PG, PI	H, PL, PT, RC	, RS, RU, SC	C, SD, SE, SG, SK,	SL, SM, ST, SV,
SY, To	J, TM, TN, TF	R, TT, TZ, UA	A, UG, US, UZ, VC,	VN, ZA, ZM, ZW
RW: AT, BI	E, BG, CH, CY	C, CZ, DE, DE	K, EE, ES, FI, FR,	GB, GR, HR, HU,
IE, IS	S, IT, LT, LU	, LV, MC, MF	K, MT, NL, NO, PL,	PT, RO, SE, SI,
SK, SI	1, TR, BF, BJ	, CF, CG, CI	I, CM, GA, GN, GQ,	GW, ML, MR, NE,
SN, TI	O, TG, BW, GH	I, GM, KE, LS	S, MW, MZ, NA, SD,	SL, SZ, TZ, UG,
ZM, ZV	V, AM, AZ, BY	, KG, KZ, MI	O, RU, TJ, TM	

PRIORITY APPLN. INFO.: OTHER SOURCE(S):

MARPAT 152:311595

GΙ

$$R^{1}-L^{1}$$

$$R^{2}-L^{2}$$

$$R^{2}$$

$$R^{2}$$

$$R^{2}$$

$$R^{2}$$

$$R^{3}$$

$$R^{2}$$

$$R^{3}$$

AΒ The present invention relates to isoxazole compds. of general formula I (wherein R1 = cycloalkyl, alkylaryl, aryl, etc.; L1 = 0, SO2NH, SO2NHCONH, etc.; Rx and Ry independently = H, halogen, CN, etc.; p = 1-4; L2 = CO, CONH, CSNH, etc.; R2 = CH2, NHCH2, CH2CH2, etc.; R3 = H, alkyl, alkenyl, etc.), processes for their preparation, pharmaceutical compns. containing them and their use as medicaments, in particular to the use of these compds. in the prevention and treatment of diseases or disorders mediated by diacylglycerol acyltransferase (DGAT), particularly DGAT1. Example compound II was prepared by a multi-step synthesis involving the preparation of intermediate 3-(4nitrophenyl)isoxazole-5-carboxylic acid Et ester which is reduced and subsequently reacted with 2-chloro-6-fluorobenzothiazole to give II. II demonstrated an inhibition range of 50 - 75% against hDGAT1 at a concentration of 10  $\mu$ M.

1210761-38-8P 1210761-41-3P ΙT

> RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(drug candidate; preparation of oxazole, oxadiazole and thiazole compds. as diacylglycerol acyltransferase inhibitors)

RN 1210761-38-8 CAPLUS

CN L-Valine, N-[3-[4-[2-oxo-2-[3-

> (trifluoromethyl)phenyl]amino]acetyl]amino]phenyl]-5-isoxazolyl]carbonyl]-, methyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN 1210761-41-3 CAPLUS

CN L-Valine, N-[3-[4-[2-oxo-2-[3-

(trifluoromethyl)phenyl]amino]acetyl]amino]phenyl]-5-isoxazolyl]carbonyl] (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2010:115411 CAPLUS Full-text

DOCUMENT NUMBER: 152:215278

TITLE: Preparation of 3,4-diarylpyrazoles as protein kinase

inhibitors

INVENTOR(S): Pulici, Maurizio; Zuccotto, Fabio; Badari, Alessandra;

Nuvoloni, Stefano; Cervi, Giovanni; Traquandi, Gabriella; Biondaro, Sonia; Trifiro', Paolo;

Marchionni, Chiara; Modugno, Michele Nerviano Medical Sciences S.r.l., Italy

PATENT ASSIGNEE(S): Nerviano Medical Science SOURCE: PCT Int. Appl., 166pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

LANGUAGE: Engli FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

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WO 2010010154
                          Α1
                                20100128
                                            WO 2009-EP59506
                                                                   20090723
         W: AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ,
             CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG,
             ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP,
             KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA,
             MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE,
             PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV,
             SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
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             SK, SM, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
             SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG,
             ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
                                            EP 2008-161076 A 20080724
PRIORITY APPLN. INFO.:
OTHER SOURCE(S):
                        MARPAT 152:215278
GΙ
```

The invention relates to 3,4-diarylpyrazole derivs. I [m = 0-6; R1 = H, CCl3, CF3, halo, etc.; R2 = H, halo, (un)substituted NH2, etc.; R3-R6 = H, halo, CF3, etc.; R7 = H, alkyl, cycloalkyl, etc.; A = CON(Y), CON(Y)O, CON(Y)N(Y), etc.; Y = H or alkyl], and pharmaceutically acceptable salts thereof, process for their preparation and pharmaceutical compns. comprising them. The compds. I may be useful, in therapy, in the treatment of diseases associated with a dysregulated protein kinase activity, like cancer. Over two-hundred compds. I were prepared E.g., a multi-step synthesis of 1-(2,4-difluorophenyl)-3-{3-[4-(pyridin-4-yl)-1H-pyrazol-3-yl]phenyl}- urea, starting from 3-nitrobenzaldehyde, was given. Compds. I were found to possess a remarkable activity in inhibiting cell proliferation, with IC50 values lower than 10  $\mu$ M on the cell line with mutated B-Raf (A375), and higher on the cell line with wild-type B-Raf (Mewo).

IT 1206834-69-6P 1206834-70-9P 1206834-71-0P 1206834-81-2P 1206834-83-4P

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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 3,4-diarylpyrazole derivs. as protein kinase modulators useful in treatment of diseases associated with dysregulated protein kinase activity, like cancer)

RN 1206834-69-6 CAPLUS

CN Urea, N-[[3-[4-(4-pyridinyl)-1H-pyrazol-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 1206834-70-9 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-[4-(4-pyridinyl)-1H-pyrazol-3-yl]phenyl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & &$$

RN 1206834-71-0 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-[1-methyl-4-(4-pyridinyl)-1H-pyrazol-3-yl]phenyl]methyl]- (CA INDEX NAME)

RN 1206834-81-2 CAPLUS

CN Urea, N-[2-fluoro-4-(trifluoromethyl)phenyl]-N'-[[3-[4-(4-pyridinyl)-1H-pyrazol-3-yl]phenyl]methyl]- (CA INDEX NAME)

RN 1206834-83-4 CAPLUS

CN Urea, N-[[3-[4-(4-pyridinyl)-1H-pyrazol-3-yl]phenyl]methyl]-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2009:1412582 CAPLUS Full-text

DOCUMENT NUMBER: 152:110790

TITLE: Imidazo[1,2-a]pyrazine diaryl ureas: Inhibitors of the

receptor tyrosine kinase EphB4

AUTHOR(S): Mitchell, Scott A.; Danca, Mihaela Diana; Blomgren,

Peter A.; Darrow, James W.; Currie, Kevin S.; Kropf, Jeffrey E.; Lee, Seung H.; Gallion, Steven L.; Xiong, Jin-Ming; Pippin, Douglas A.; DeSimone, Robert W.; Brittelli, David R.; Eustice, David C.; Bourret,

Aaron; Hill-Drzewi, Melissa; Maciejewski, Patricia M.;

Elkin, Lisa L.

CORPORATE SOURCE: Department of Medicinal Chemistry, CGI

Pharmaceuticals, Inc., Branford, CT, 06405, USA

SOURCE: Bioorganic & Medicinal Chemistry Letters (2009),

19(24), 6991-6995

CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal LANGUAGE: English

OTHER SOURCE(S): CASREACT 152:110790

AB Inhibition of receptor tyrosine kinases (RTKs) such as vascular endothelial growth factor receptors (VEGFRs) and platelet-derived growth factor receptors (PDGFRs) has been validated by recently launched small mols. Sutent and Nexavar, both of which display activities against several angiogenesis-related RTKs. EphB4, a receptor tyrosine kinase (RTK) involved in the processes of embryogenesis and angiogenesis, has been shown to be aberrantly up regulated in many cancer types such as breast, lung, bladder and prostate. We propose that inhibition of EphB4 in addition to other validated RTKs would enhance the

anti-angiogenic effect and ultimately result in more pronounced anti-cancer efficacy. Herein we report the discovery and SAR of a novel series of imidazo[1,2-a]pyrazine diarylureas that show nanomolar potency for the EphB4 receptor, in addition to potent activity against several other RTKs.

IT 1202810-94-3

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(imidazopyrazine diaryl ureas as inhibitors of receptor tyrosine kinase EphB4)

RN 1202810-94-3 CAPLUS

CN Urea, N-[[3-[8-[(4-pyridinylmethyl)amino]imidazo[1,2-a]pyrazin-6-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 4 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2009:772006 CAPLUS <u>Full-text</u>

DOCUMENT NUMBER: 151:77758

TITLE: Preparation of glycolic amides as nonsteroidal

progesterone receptor modulators

INVENTOR(S):
Kirkland, Thomas; Schwede, Wolfgang; Moeller, Carsten;

Baeuerle, Stefan; Wyrwa, Ralf; Rotgeri, Andrea

PATENT ASSIGNEE(S): Bayer Schering Pharma Aktiengesllschaft, Germany

SOURCE: PCT Int. Appl., 308pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND I	DATE	APPLICATION NO.	DATE
WO 2009077186	A1 2	20090625	WO 2008-EP10828	20081212
W: AE, AG, AL,	AM, AO,	AT, AU, A	AZ, BA, BB, BG, BH,	BR, BW, BY, BZ,
CA, CH, CN	CO, CR,	CU, CZ, D	DE, DK, DM, DO, DZ,	EC, EE, EG, ES,
FI, GB, GD	GE, GH,	GM, GT, H	N, HR, HU, ID, IL,	IN, IS, JP, KE,
KG, KM, KN	KP, KR,	KZ, LA, L	C, LK, LR, LS, LT,	LU, LY, MA, MD,
ME, MG, MK	MN, MW,	MX, MY, M	IZ, NA, NG, NI, NO,	NZ, OM, PG, PH,
PL, PT, RO	RS, RU,	SC, SD, SI	SE, SG, SK, SL, SM,	ST, SV, SY, TJ,
TM, TN, TR	TT, TZ,	UA, UG, U	JS, UZ, VC, VN, ZA,	ZM, ZW
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TR, BF, BJ	CF, CG,	CI, CM, G	GA, GN, GQ, GW, ML,	MR, NE, SN, TD,

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     EP 2070909
                          Α1
                                20090617
                                           EP 2007-76093
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                                            US 2008-333789
                                                                    20081212
PRIORITY APPLN. INFO.:
                                            US 2007-6015P
                                                                 Р
                                                                    20071214
                                            EP 2007-76093
                                                                 A 20071215
                                            DE 2007-102007032800T0 20070710
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 151:77758
GI

AB Title compds. I [A = H, alkyl, alkenyl, etc.; R1, R2 = alkyl, carbocycle with provisos, etc.; R3 = H, alkyl, alkenyl, etc.; X = O, CH2; Y = (CH2)m, CH=CH, etc.; m = 0-1; R4 = bicyclic aryl with provisos] and their pharmaceutically acceptable salts and formulations were prepared For example, condensation of phenylmagnesium chloride and diketone II afforded claimed glycolic amide III. In progesterone receptor inhibition assays, 11-examples of compds. I exhibited IC50 values ranging from 1.8-27 nM.

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1160964-59-9P
                                      1160964-60-2P
ΙT
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     1160964-62-4P
                     1160964-63-5P
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                                      1160966-02-8P
     1160966-70-0P
                     1160966-71-1P
                                      1160966-72-2P
     1160966-73-3P
                     1160966-74-4P
                                      1160966-75-5P
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1160966-76-6P
               1160966-77-7P
                               1160966-78-8P
1160966-79-9P
               1160966-80-2P
                               1160966-81-3P
1160966-84-6P
               1160966-85-7P
                               1160966-87-9P
1160966-88-0P
               1160966-89-1P
                               1160966-90-4P
1160966-91-5P
               1160966-93-7P
                               1160966-94-8P
1160966-95-9F
               1160966-96-0P
                               1160966-97-1P
1160966-98-2F
               1160966-99-3P
                               1160967-00-9P
1160967-01-0P
              1160967-02-1P
                               1160967-03-2P
1160975-45-0P 1160975-46-1P
                               1160975-47-2F
1160975-48-3P
               1160975-49-4P
                               1160975-50-7F
               1160975-52-9P
                               1160975-53-0P
1160975-51-8P
1160975-54-1P
               1160975-55-2P
                               1160975-56-3P
1160975-57-4P
               1160975-58-5P
                               1160975-59-6P
1160975-61-0P
               1160975-62-1P
                               1160975-63-2P
1160975-64-3P
               1160975-65-4P
                               1160975-66-5P
1160975-67-6P
               1160975-68-7P
                               1160975-69-8P
1160975-70-1P
               1160975-71-2P
                               1160975-72-3P
1160975-73-4P
                               1160975-75-6P
               1160975-74-5P
1160976-41-9P
               1160976-42-0F
                               1160976-43-1F
1160976-44-2P
               1160976-45-3P
                               1160976-46-4P
1160976-47-5P
               1160976-48-6P
                               1160976-49-7P
              1160976-53-3P
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                               1160976-61-3P
                               1160976-67-9P
1160976-63-5P
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1160976-69-1P
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                               1160976-79-3P
1160976-81-7P
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                               1160977-53-6P
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               1160977-62-7P
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               1160977-65-0P
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                               1160977-83-2P
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               1160987-21-2P
                               1160987-22-3P
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               1160987-24-5P
                               1160987-25-6P
1160988-21-5P
               1160988-22-6P
                               1160988-23-7F
1160988-24-8P
              1160988-25-9P
                               1160988-26-0P
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               1160988-31-7P
                               1160988-32-8P
1160988-33-9P
               1160988-34-0P
                               1160988-35-1P
               1160988-38-4P
                               1160988-39-5P
1160988-36-2P
1160988-40-8P
               1160988-41-9P
                               1160988-42-0P
1160988-43-1P
               1160988-44-2P
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of glycolic amides as nonsteroidal progesterone receptor

modulators)

RN 1160964-58-8 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160964-59-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160964-60-2 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160964-62-4 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4-(3-pyridinyl)- (CA INDEX NAME)

$$NC \longrightarrow VH \longrightarrow C \longrightarrow CH_2 \longrightarrow VH$$

RN 1160964-63-5 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3-(3-pyridinyl)- (CA INDEX NAME)

RN 1160964-64-6 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-2-(3-pyridinyl)- (CA INDEX NAME)

$$CH_2$$
  $CH_2$   $CH_2$   $CH_3$   $CH_4$   $CH_5$   $CH_5$ 

RN 1160964-65-7 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4-(4-pyridinyl)- (CA INDEX NAME)

$$\begin{array}{c|c} & \circ & \circ \\ & & & \\ & &$$

RN 1160964-66-8 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -

cyclohexyl- $\alpha$ -hydroxy-3-(4-pyridinyl)- (CA INDEX NAME)

$$\operatorname{NC} = \operatorname{CH}_2$$

RN 1160964-67-9 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-2-(4-pyridinyl)- (CA INDEX NAME)

$$\begin{array}{c|c} & \text{CF}_3 \\ \hline \\ \text{CH}_2 - \\ \hline \\ \text{C} - \text{NH} \end{array}$$

RN 1160964-68-0 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160964-69-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160964-70-4 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160964-72-6 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)- (CA INDEX NAME)

RN 1160964-73-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)- (CA INDEX NAME)

RN 1160964-74-8 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-α-cyclohexyl-α-hydroxy-4'-(2-hydroxyacetyl)- (CA INDEX NAME)

RN 1160964-75-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]- (CA INDEX NAME)

RN 1160964-76-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]- (CA INDEX NAME)

RN 1160964-77-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]- (CA INDEX NAME)

RN 1160964-79-3 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)- (CA INDEX NAME)

RN 1160964-80-6 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)- (CA INDEX NAME)

RN 1160964-81-7 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)- (CA INDEX NAME)

RN 1160964-82-8 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-methoxy- (CA INDEX NAME)

RN 1160964-83-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-methoxy- (CA INDEX NAME)

RN 1160964-84-0 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-methoxy- (CA INDEX NAME)

RN 1160964-85-1 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)- (CA INDEX NAME)

N 1160964-86-2 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)- (CA INDEX NAME)

RN 1160964-87-3 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)- (CA INDEX NAME)

RN 1160964-88-4 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)- (CA INDEX NAME)

RN 1160964-90-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)- (CA INDEX NAME)

RN 1160964-92-0 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)- (CA INDEX NAME)

RN 1160965-69-4 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-70-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1160965-71-8 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-72-9 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ cyclohexyl- $\alpha$ -hydroxy-4-(3-pyridinyl)-, (+)- (CA INDEX NAME)

RN 1160965-73-0 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ cyclohexyl- $\alpha$ -hydroxy-3-(3-pyridinyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-74-1 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ cyclohexyl- $\alpha$ -hydroxy-2-(3-pyridinyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-75-2 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4-(4-pyridinyl)-, (+)- (CA INDEX NAME)

RN 1160965-76-3 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3-(4-pyridinyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-77-4 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-2-(4-pyridinyl)-, (+)- (CA INDEX NAME)

RN 1160965-79-6 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-80-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-81-0 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1160965-82-1 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-84-3 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (+)- (CA INDEX NAME)

RN 1160965-85-4 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-86-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]-, (+)- (CA INDEX NAME)

RN 1160965-87-6 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-88-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-89-8 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (+)- (CA INDEX NAME)

RN 1160965-90-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-92-3 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (+)- (CA INDEX NAME)

RN 1160965-93-4 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-methoxy-, (+)- (CA INDEX NAME)

Rotation (+).

$$\stackrel{\text{MeO}}{\longrightarrow} \stackrel{\text{OH}}{\longrightarrow} \stackrel{\text{O}}{\longrightarrow} \stackrel{\text{CN}}{\longrightarrow} \stackrel{\text{$$

RN 1160965-94-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-methoxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-95-6 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-methoxy-, (+)- (CA INDEX NAME)

RN 1160965-96-7 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160965-97-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (+)- (CA INDEX NAME)

RN 1160965-99-0 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160966-00-6 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160966-01-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (+)- (CA INDEX NAME)

$$F_3$$
CON

RN 1160966-02-8 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160966-70-0 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1160966-71-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-72-2 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-73-3 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4-(3-pyridinyl)-, (-)- (CA INDEX NAME)

RN 1160966-74-4 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3-(3-pyridinyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-75-5 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-2-(3-pyridinyl)-, (-)- (CA INDEX NAME)

RN 1160966-76-6 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4-(4-pyridinyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-77-7 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3-(4-pyridinyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-78-8 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-2-(4-pyridinyl)-, (-)- (CA INDEX NAME)

RN 1160966-79-9 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-80-2 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1160966-81-3 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-84-6 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-85-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (-)- (CA INDEX NAME)

RN 1160966-87-9 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-88-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]-, (-)- (CA INDEX NAME)

RN 1160966-89-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-90-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-91-5 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (-)- (CA INDEX NAME)

RN 1160966-93-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-94-8 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (-)- (CA INDEX NAME)

RN 1160966-95-9 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-methoxy-, (-)- (CA INDEX NAME)

Rotation (-).

$$\begin{array}{c} \text{MeO} \\ \\ \text{HN} \\ \\ \text{CF3} \end{array}$$

RN 1160966-96-0 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-methoxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-97-1 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-methoxy-, (-)- (CA INDEX NAME)

RN 1160966-98-2 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160966-99-3 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (-)- (CA INDEX NAME)

RN 1160967-00-9 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160967-01-0 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160967-02-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (-)- (CA INDEX NAME)

$$_{\mathrm{F}_{3}\mathrm{C}}$$

RN 1160967-03-2 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160975-45-0 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160975-46-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160975-47-2 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160975-48-3 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4-(3-pyridinyl)- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\$$

RN 1160975-49-4 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-3-(3-pyridinyl)- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & &$$

RN 1160975-50-7 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ cyclopentyl- $\alpha$ -hydroxy-2-(3-pyridinyl)- (CA INDEX NAME)

RN 1160975-51-8 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4-(4-pyridinyl)- (CA INDEX NAME)

RN 1160975-52-9 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-3-(4-pyridinyl)- (CA INDEX NAME)

RN 1160975-53-0 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ cyclopentyl- $\alpha$ -hydroxy-2-(4-pyridinyl)- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\$$

RN 1160975-54-1 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160975-55-2 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160975-56-3 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160975-57-4 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)- (CA INDEX NAME)

RN 1160975-58-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)- (CA INDEX NAME)

RN 1160975-59-6 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)- (CA INDEX NAME)

RN 1160975-61-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclopentyl-2-hydroxy-3-oxopropyl]- (CA INDEX NAME)

RN 1160975-62-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclopentyl-2-hydroxy-3-oxopropyl]- (CA INDEX NAME)

RN 1160975-63-2 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclopentyl-2-hydroxy-3-oxopropyl]- (CA INDEX NAME)

RN 1160975-64-3 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)- (CA INDEX NAME)

RN 1160975-65-4 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)- (CA INDEX NAME)

RN 1160975-66-5 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)- (CA INDEX NAME)

RN 1160975-67-6 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-methoxy- (CA INDEX NAME)

RN 1160975-68-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-methoxy- (CA INDEX NAME)

RN

1160975-70-1 CAPLUS RN

[1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-CN  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)- (CA INDEX NAME)

1160975-71-2 CAPLUS RN

[1,1'-Bipheny1]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-CN  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)- (CA INDEX NAME)

RN 1160975-72-3 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)- (CA INDEX NAME)

RN 1160975-73-4 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)- (CA INDEX NAME)

RN 1160975-74-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)- (CA INDEX NAME)

RN 1160975-75-6 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)- (CA INDEX NAME)

RN 1160976-41-9 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1160976-42-0 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-43-1 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1160976-44-2 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4-(3-pyridinyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-45-3 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-3-(3-pyridinyl)-, (+)- (CA INDEX NAME)

RN 1160976-46-4 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-2-(3-pyridinyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-47-5 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4-(4-pyridinyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-48-6 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-3-(4-pyridinyl)-, (+)- (CA INDEX NAME)

RN 1160976-49-7 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-2-(4-pyridinyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-51-1 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-53-3 CAPLUS
CN [1,1'-Biphenyl]-3-propanamide, 4'-acetyl-N-[4-cyano-3-

(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-55-5 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-57-7 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (+)- (CA INDEX NAME)

RN 1160976-59-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-61-3 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (+)- (CA INDEX NAME)

RN 1160976-63-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclopentyl-2-hydroxy-3-oxopropyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-65-7 CAPLUS
CN [1,1'-Biphenyl]-4-carboxylic acid,
3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclopentyl-2-hydroxy-3oxopropyl]-, (+)- (CA INDEX NAME)

RN 1160976-67-9 CAPLUS
CN [1,1'-Biphenyl]-4-carboxylic acid,
2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclopentyl-2-hydroxy-3-oxopropyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-69-1 CAPLUS CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (+)- (CA INDEX NAME)

RN 1160976-71-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-73-7 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (+)- (CA INDEX NAME)

RN 1160976-75-9 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-methoxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-77-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-methoxy-, (+)- (CA INDEX NAME)

RN 1160976-79-3 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-methoxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-81-7 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-83-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (+)- (CA INDEX NAME)

RN 1160976-85-1 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-87-3 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (+)- (CA INDEX NAME)

RN 1160976-89-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160976-91-9 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (+)- (CA INDEX NAME)

RN 1160977-51-4 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-52-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1160977-53-6 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-54-7 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4-(3-pyridinyl)-, (-)- (CA INDEX NAME)

RN 1160977-55-8 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-3-(3-pyridinyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-56-9 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-2-(3-pyridinyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-58-1 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -

 $\label{eq:cyclopentyl-a-hydroxy-4-(4-pyridinyl)-, (-)- (CA INDEX NAME)} % \begin{center} \begi$ 

RN 1160977-59-2 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-3-(4-pyridinyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-60-5 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-2-(4-pyridinyl)-, (-)- (CA INDEX NAME)

RN 1160977-61-6 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-62-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-63-8 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1160977-64-9 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-65-0 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (-)- (CA INDEX NAME)

RN 1160977-66-1 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(2-hydroxyacetyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-68-3 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclopentyl-2-hydroxy-3-oxopropyl]-, (-)- (CA INDEX NAME)

RN 1160977-69-4 CAPLUS
CN [1,1'-Biphenyl]-4-carboxylic acid,
3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclopentyl-2-hydroxy-3-

Rotation (-).

oxopropyl]-, (-)- (CA INDEX NAME)

RN 1160977-70-7 CAPLUS
CN [1,1'-Biphenyl]-4-carboxylic acid,
2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclopentyl-2-hydroxy-3-oxopropyl]-, (-)- (CA INDEX NAME)

RN 1160977-71-8 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-72-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (-)- (CA INDEX NAME)

RN 1160977-73-0 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(hydroxymethyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-74-1 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-methoxy-, (-)- (CA INDEX NAME)

RN 1160977-75-2 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-methoxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-76-3 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-methoxy-, (-)- (CA INDEX NAME)

RN 1160977-77-4 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-78-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-79-6 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(methylsulfonyl)-, (-)- (CA INDEX NAME)

RN 1160977-80-9 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160977-82-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (-)- (CA INDEX NAME)

RN 1160977-83-2 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclopentyl- $\alpha$ -hydroxy-4'-(trifluoromethyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160986-92-4 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160986-93-5 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160986-95-7 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160986-96-8 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$NC \longrightarrow VH \longrightarrow CH_2 \longrightarrow VH$$

RN 1160986-97-9 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$NC \longrightarrow VH \longrightarrow CH_2 \longrightarrow VH_2$$

RN 1160986-98-0 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[2-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$\begin{array}{c} & & & \\ & &$$

RN 1160986-99-1 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & \circ & \circ \\ & & \bullet \\ &$$

RN 1160987-00-7 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$NC \longrightarrow CF_3 \longrightarrow CH_2 \longrightarrow CH_2$$

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[2-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & \text{CF}_3 \\ & \text{CH}_2 - \begin{array}{c} & \text{C} \\ & \text{NH} \end{array} \end{array}$$

RN 1160987-02-9 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160987-03-0 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160987-04-1 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1160987-05-2 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

RN 1160987-07-4 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} \text{CF 3} & \text{O} & \text{OH} \\ \hline & \text{NH} - \begin{array}{c} \text{C} - \text{CH}_2 \\ \hline \end{array} \\ \end{array}$$

RN 1160987-08-5 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-α-hydroxy-α-[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-2-yl]methyl]-(CA INDEX NAME)

RN 1160987-10-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-pyran-4-yl)propyl]- (CA INDEX NAME)

RN 1160987-11-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-pyran-4-yl)propyl]- (CA INDEX NAME)

RN 1160987-12-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-pyran-4-yl)propyl]- (CA INDEX NAME)

RN 1160987-13-2 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{CF3} \\ \text{NH} \\ \text{C} \\ \text{CH2} \\ \text{OH} \\ \text{OH}$$

RN 1160987-14-3 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1160987-15-4 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-2-yl]methyl]- (CA INDEX NAME)

RN 1160987-17-6 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-4-yl)methyl]- (CA INDEX NAME)

RN 1160987-18-7 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-3-yl)methyl]- (CA INDEX NAME)

RN 1160987-19-8 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-2-yl)methyl]- (CA INDEX NAME)

RN 1160987-20-1 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

RN 1160987-21-2 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1160987-22-3 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-α-hydroxy-α-[[4'-(methylsulfonyl)[1,1'-biphenyl]-2-yl]methyl]- (CA INDEX NAME)

RN 1160987-23-4 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-α-hydroxy-α-[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]-(CA INDEX NAME)

RN 1160987-24-5 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1160987-25-6 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]- (CA INDEX NAME)

RN 1160988-21-5 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha-[(4'-cyano[1,1'-bipheny1]-4-y1)methy1]-N-[4-cyano-3-(trifluoromethy1)pheny1]tetrahydro-<math>\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-22-6 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha-[(4'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-<math>\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1160988-23-7 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha-[(4'-cyano[1,1'-bipheny1]-2-y1)methy1]-N-[4-cyano-3-(trifluoromethy1)pheny1]tetrahydro-<math>\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-24-8 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4-(3-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-25-9 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

RN 1160988-26-0 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[2-(3-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-27-1 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4-(4-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

RN 1160988-28-2 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-29-3 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[2-(4-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-30-6 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1160988-31-7 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-32-8 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1160988-33-9 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-4-yl]methyl]- , (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-34-0 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-3-yl]methyl]- , (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-35-1 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-2-yl]methyl]- , (+)- (CA INDEX NAME)

RN 1160988-36-2 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-pyran-4-yl)propyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-38-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid,
3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2(tetrahydro-2H-pyran-4-yl)propyl]-, (+)- (CA INDEX NAME)

RN 1160988-39-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-pyran-4-yl)propyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-40-8 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-4-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-41-9 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

RN 1160988-42-0 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-2-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-43-1 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-4-yl)methyl]-, (+)- (CA INDEX NAME)

$$\stackrel{\text{MeO}}{\longrightarrow} \stackrel{\text{O}}{\longrightarrow} \stackrel{\text{OH}}{\longrightarrow} \stackrel{\text{O}}{\longrightarrow} \stackrel{\text{CN}}{\longrightarrow} \stackrel{\text{C$$

RN 1160988-44-2 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-3-yl)methyl]-, (+)- (CA INDEX NAME)

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ΙT
                                      1160988-47-5P
     1160988-45-3P
                     1160988-46-4P
     1160988-48-6P
                     1160988-49-7P
                                      1160988-50-0P
     1160988-51-1P
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     1160989-23-0P
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                                      1160989-28-5P
     1160989-29-6P
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                               1161006-09-2P
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1161019-79-9P
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1161019-82-4P
               1161019-83-5P
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               1161019-86-8P
1161019-85-7P
                               1161019-87-9P
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                               1161062-83-0P
1161062-90-3P 1161062-91-4P
                               1161062-92-5P
1161062-93-6P 1161062-94-7P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
   (preparation of glycolic amides as nonsteroidal progesterone receptor
  modulators)
1160988-45-3 CAPLUS
2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-
\alpha-hydroxy-\alpha-[(4'-methoxy[1,1'-biphenyl]-2-yl)methyl]-, (+)-
(CA INDEX NAME)
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Rotation (+).

RN

CN

RN 1160988-46-4 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]methyl]- , (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-47-5 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]methyl]- , (+)- (CA INDEX NAME)

RN 1160988-48-6 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-2-yl]methyl]- , (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-49-7 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]- , (+)- (CA INDEX NAME)

Rotation (+).

RN 1160988-50-0 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]- , (+)- (CA INDEX NAME)

RN 1160988-51-1 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]- , (+)- (CA INDEX NAME)

Rotation (+).

RN 1160989-18-3 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha-[(4'-cyano[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-<math>\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1160989-19-4 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

$$_{
m NC}$$
  $_{
m CH}$   $_{
m CH}$   $_{
m CH}$   $_{
m CH}$ 

RN 1160989-20-7 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-21-8 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4-(3-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

RN 1160989-22-9 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-23-0 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[2-(3-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

RN 1160989-24-1 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4-(4-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-25-2 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-26-3 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[2-(4-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

RN 1160989-27-4 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-28-5 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1160989-29-6 CAPLUS

CN 2H-Pyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-30-9 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-4-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-31-0 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-3-yl]methyl]- , (-)- (CA INDEX NAME)

RN 1160989-32-1 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-2-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-33-2 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-pyran-4-yl)propyl]-, (-)- (CA INDEX NAME)

RN 1160989-34-3 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-pyran-4-yl)propyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-35-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-pyran-4-yl)propyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-36-5 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-4-yl]methyl]-, (-)- (CA INDEX NAME)

RN 1160989-37-6 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-38-7 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-2-yl]methyl]-, (-)- (CA INDEX NAME)

RN 1160989-39-8 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-4-yl)methyl]-, (-)-(CA INDEX NAME)

Rotation (-).

RN 1160989-40-1 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-3-yl)methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-41-2 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-2-yl)methyl]-, (-)- (CA INDEX NAME)

RN 1160989-42-3 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

$$\begin{array}{c} \text{Me} \\ \text{OH} \\ \text{OH} \\ \text{CN} \\ \end{array}$$

RN 1160989-43-4 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]methyl]- , (-)- (CA INDEX NAME)

RN 1160989-44-5 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-2-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-45-6 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

RN 1160989-46-7 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]- , (-)- (CA INDEX NAME)

RN 1160989-47-8 CAPLUS

CN 2H-Pyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

RN 1161003-55-9 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161003-56-0 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161003-57-1 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161003-58-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 1161003-59-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 1161003-60-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[2-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$CH_2$$
 $CH_2$ 
 $CH_2$ 
 $CH_3$ 
 $CH_3$ 
 $CH_3$ 

RN 1161003-61-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 1161003-62-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 1161003-63-9 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[2-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 1161003-64-0 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161003-65-1 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N- [4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161003-66-2 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-2-yl)methyl]-N- [4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161003-67-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

RN 1161003-68-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{CF 3} \\ \text{NH} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{CH 2} \\ \text{O} \\ \text{C} \\ \text$$

RN 1161003-69-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-2-yl]methyl]- (CA INDEX NAME)

RN 1161003-70-8 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(4-piperidinyl)propyl]- (CA INDEX NAME)

RN 1161003-71-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(4-piperidinyl)propyl]- (CA INDEX NAME)

RN 1161003-72-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(4-piperidinyl)propyl]- (CA INDEX NAME)

RN 1161003-73-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

RN 1161003-74-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161003-75-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-2-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{CF}_3 \\ \text{NH} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{CH}_2 \\ \text{OH} \\ \text{OH}$$

RN 1161003-76-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-4-yl)methyl]- (CA INDEX NAME)

RN 1161003-77-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-3-yl)methyl]- (CA INDEX NAME)

RN 1161003-79-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-2-yl)methyl]- (CA INDEX NAME)

RN 1161003-80-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

RN 1161003-81-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161003-82-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-2-yl]methyl]- (CA INDEX NAME)

RN 1161003-83-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

RN 1161003-84-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161003-85-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]- (CA INDEX NAME)

RN 1161004-56-3 CAPLUS

CN 4-Piperidineacetamide,  $\alpha-[(4'-cyano[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-<math>\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161004-58-5 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161004-60-9 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161004-62-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4-(3-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161004-63-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

$$\begin{array}{c} H \\ OH \\ CF_3 \end{array}$$

RN 1161004-65-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[2-(3-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161004-66-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4-(4-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

RN 1161004-67-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161004-69-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[2-(4-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161004-71-2 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161004-73-4 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161004-76-7 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-2-yl)methyl]-N- [4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161004-78-9 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-4-yl]methyl]-, (+)-(CA INDEX NAME)

Rotation (+).

RN 1161004-80-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-3-yl]methyl]-, (+)-(CA INDEX NAME)

RN 1161004-82-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-2-yl]methyl]-, (+)-(CA INDEX NAME)

Rotation (+).

RN 1161004-84-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(4-piperidinyl)propyl]-, (+)- (CA INDEX NAME)

RN 1161004-85-8 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid,
3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(4-piperidinyl)propyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161004-88-1 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(4-piperidinyl)propyl]-, (+)- (CA INDEX NAME)

RN 1161004-90-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-4-yl]methyl]-, (+)-(CA INDEX NAME)

Rotation (+).

RN 1161004-92-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-3-yl]methyl]-, (+)-(CA INDEX NAME)

$$_{\rm HO}$$
  $_{\rm CF_3}$   $_{\rm CN}$ 

RN 1161004-94-9 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-2-yl]methyl]-, (+)-(CA INDEX NAME)

Rotation (+).

RN 1161004-96-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-4-yl)methyl]-, (+)- (CA INDEX NAME)

RN 1161004-98-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-3-yl)methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

$$\begin{array}{c} H \\ N \\ OH \\ O \\ HN \\ CN \\ \end{array}$$

RN 1161005-01-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-2-yl)methyl]-, (+)- (CA INDEX NAME)

RN 1161005-03-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]methyl]-, (+)-(CA INDEX NAME)

Rotation (+).

$$\stackrel{\text{Me}}{\longrightarrow} \stackrel{\text{OH}}{\longrightarrow} \stackrel{\text{OH}}{\longrightarrow} \stackrel{\text{CN}}{\longrightarrow} \stackrel{\text{$$

RN 1161005-05-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]methyl]-, (+)-(CA INDEX NAME)

RN 1161005-07-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-2-yl]methyl]-, (+)-(CA INDEX NAME)

Rotation (+).

RN 1161005-08-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]-, (+)-(CA INDEX NAME)

RN 1161005-10-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]-, (+)-(CA INDEX NAME)

Rotation (+).

RN 1161005-12-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]-, (+)-(CA INDEX NAME)

RN 1161005-79-3 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161005-80-6 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

$$\begin{array}{c} H \\ OH \\ O \\ CF_3 \end{array}$$

RN 1161005-81-7 CAPLUS

CN 4-Piperidineacetamide,  $\alpha-[(4'-cyano[1,1'-bipheny1]-2-y1)methy1]-N-[4-cyano-3-(trifluoromethy1)pheny1]-<math>\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161005-82-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4-(3-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161005-84-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

RN 1161005-85-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[2-(3-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161005-86-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4-(4-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

RN 1161005-87-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

$$\begin{array}{c} H \\ OH \\ OH \\ CF_3 \end{array}$$

RN 1161005-88-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[2-(4-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161005-90-8 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161005-91-9 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161005-92-0 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-2-yl)methyl]-N- [4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161005-93-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-4-yl]methyl]-, (-)-(CA INDEX NAME)

Rotation (-).

RN 1161005-94-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-3-yl]methyl]-, (-)-(CA INDEX NAME)

RN 1161005-95-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-2-yl]methyl]-, (-)-(CA INDEX NAME)

Rotation (-).

RN 1161005-97-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(4-piperidinyl)propyl]-, (-)- (CA INDEX NAME)

RN 1161005-98-6 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid,
3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(4-piperidinyl)propyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161005-99-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(4-piperidinyl)propyl]-, (-)- (CA INDEX NAME)

RN 1161006-00-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-4-yl]methyl]-, (-)-(CA INDEX NAME)

Rotation (-).

RN 1161006-01-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-3-yl]methyl]-, (-)-(CA INDEX NAME)

RN 1161006-03-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-2-yl]methyl]-, (-)-(CA INDEX NAME)

Rotation (-).

RN 1161006-04-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-4-yl)methyl]-, (-)- (CA INDEX NAME)

RN 1161006-05-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-3-yl)methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

$$\begin{array}{c} H \\ N \\ OH \\ O \\ CF \\ 3 \end{array}$$

RN 1161006-06-9 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-2-yl)methyl]-, (-)- (CA INDEX NAME)

RN 1161006-07-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]methyl]-, (-)-(CA INDEX NAME)

Rotation (-).

RN 1161006-09-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]methyl]-, (-)-(CA INDEX NAME)

RN 1161006-10-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-2-yl]methyl]-, (-)-(CA INDEX NAME)

Rotation (-).

RN 1161006-11-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]-, (-)-(CA INDEX NAME)

RN 1161006-12-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]-, (-)-(CA INDEX NAME)

Rotation (-).

RN 1161006-13-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]-, (-)-(CA INDEX NAME)

RN 1161019-68-6 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha-[(4'-cyano[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-<math>\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161019-69-7 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161019-70-0 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161019-71-1 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$NC$$
 $CF_3$ 
 $OH$ 
 $CH_2$ 
 $CH_2$ 

RN 1161019-72-2 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$NC \longrightarrow CF_3 \longrightarrow CH_2 \longrightarrow NH$$

RN 1161019-73-3 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[2-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\$$

RN 1161019-74-4 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 1161019-75-5 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$NC \longrightarrow CH_2 \longrightarrow CH_2$$

RN 1161019-76-6 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[2-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 1161019-77-7 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161019-78-8 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha-[(4'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-<math>\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161019-79-9 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha-[(4'-acetyl[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-<math>\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161019-80-2 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

RN 1161019-81-3 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161019-82-4 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-2-yl]methyl]- (CA INDEX NAME)

RN 1161019-83-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-thiopyran-4-yl)propyl]- (CA INDEX NAME)

RN 1161019-84-6 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-thiopyran-4-yl)propyl]- (CA INDEX NAME)

RN 1161019-85-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-thiopyran-4-yl)propyl]- (CA INDEX NAME)

RN 1161019-86-8 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

RN 1161019-87-9 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161019-88-0 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-2-yl]methyl]- (CA INDEX NAME)

RN 1161019-89-1 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-4-yl)methyl]- (CA INDEX NAME)

RN 1161019-90-4 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-3-yl)methyl]- (CA INDEX NAME)

RN 1161019-91-5 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-2-yl)methyl]- (CA INDEX NAME)

RN 1161019-92-6 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

RN 1161019-93-7 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161019-94-8 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-2-yl]methyl]- (CA INDEX NAME)

RN 1161019-95-9 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

RN 1161019-96-0 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161019-97-1 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]- (CA INDEX NAME)

RN 1161020-55-8 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161020-56-9 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-57-0 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161020-58-1 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4-(3-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-59-2 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-60-5 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[2-(3-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

RN 1161020-61-6 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4-(4-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-62-7 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

RN 1161020-63-8 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[2-(4-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-64-9 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (+)-(CA INDEX NAME)

Rotation (+).

RN 1161020-65-0 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha-[(4'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-<math>\alpha$ -hydroxy-, (+)-(CA INDEX NAME)

RN 1161020-66-1 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (+)-(CA INDEX NAME)

Rotation (+).

RN 1161020-67-2 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-4-yl]methyl]- , (+)- (CA INDEX NAME)

RN 1161020-68-3 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-3-yl]methyl]- , (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-69-4 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-2-yl]methyl]- , (+)- (CA INDEX NAME)

RN 1161020-70-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-thiopyran-4-yl)propyl]-, (+)- (CA INDEX NAME)

## Rotation (+).

RN 1161020-71-8 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid,
3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2(tetrahydro-2H-thiopyran-4-yl)propyl]-, (+)- (CA INDEX NAME)

RN 1161020-72-9 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-thiopyran-4-yl)propyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-73-0 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-4-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-74-1 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethy1)pheny1]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethy1)[1,1'-bipheny1]-3-y1]methy1]-, (+)- (CA INDEX NAME)

RN 1161020-75-2 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-2-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-76-3 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-4-yl)methyl]-, (+)- (CA INDEX NAME)

RN 1161020-77-4 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-3-yl)methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-78-5 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-2-yl)methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-79-6 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]methyl]- , (+)- (CA INDEX NAME)

RN 1161020-80-9 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]methyl]- , (+)- (CA INDEX NAME)

Rotation (+).

RN 1161020-81-0 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-2-yl]methyl]- , (+)- (CA INDEX NAME)

RN 1161020-82-1 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]- , (+)- (CA INDEX NAME)

Rotation (+).

$$\begin{array}{c} \text{S} \\ \text{OH} \\ \text{O} \\ \text{HN} \\ \text{CN} \end{array}$$

RN 1161020-83-2 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]- , (+)- (CA INDEX NAME)

RN 1161020-84-3 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]- , (+)- (CA INDEX NAME)

Rotation (+).

RN 1161021-42-6 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-43-7 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161021-44-8 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha-[(4'-\text{cyano}[1,1'-\text{biphenyl}]-2-\text{yl})\text{ methyl}]-N-[4-\text{cyano}-3-(\text{trifluoromethyl})\text{ phenyl}]\text{tetrahydro}-\alpha-\text{hydroxy-, (-)-}(CA INDEX NAME)$ 

Rotation (-).

RN 1161021-45-9 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4-(3-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

RN 1161021-46-0 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-47-1 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[2-(3-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-48-2 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[[4-(4-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

RN 1161021-49-3 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-50-6 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[2-(4-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

RN 1161021-51-7 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-4-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (-)-(CA INDEX NAME)

Rotation (-).

RN 1161021-52-8 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha-[(4'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-<math>\alpha$ -hydroxy-, (-)-(CA INDEX NAME)

Rotation (-).

RN 1161021-53-9 CAPLUS

CN 2H-Thiopyran-4-acetamide,  $\alpha$ -[(4'-acetyl[1,1'-biphenyl]-2-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy-, (-)-(CA INDEX NAME)

RN 1161021-54-0 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-4-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-55-1 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-3-yl]methyl]- , (-)- (CA INDEX NAME)

RN 1161021-56-2 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(2-hydroxyacetyl)[1,1'-biphenyl]-2-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-57-3 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 4'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-thiopyran-4-yl)propyl]-, (-)- (CA INDEX NAME)

RN 1161021-58-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-thiopyran-4-yl)propyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-59-5 CAPLUS

CN [1,1'-Biphenyl]-4-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxo-2-(tetrahydro-2H-thiopyran-4-yl)propyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-60-8 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-4-yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161021-61-9 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-62-0 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(hydroxymethyl)[1,1'-biphenyl]-2-yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161021-63-1 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-4-yl)methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-64-2 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro- $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-3-yl)methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-66-4 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[(4'-methoxy[1,1'-biphenyl]-2-yl)methyl]-, (-)- (CA INDEX NAME)

RN 1161021-68-6 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-4-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-70-0 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-3-yl]methyl]- , (-)- (CA INDEX NAME)

RN 1161021-72-2 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(methylsulfonyl)[1,1'-biphenyl]-2-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-74-4 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

RN 1161021-76-6 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-3-yl]methyl]- , (-)- (CA INDEX NAME)

RN 1161021-77-7 CAPLUS

CN 2H-Thiopyran-4-acetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]tetrahydro-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(trifluoromethyl)[1,1'-biphenyl]-2-yl]methyl]- , (-)- (CA INDEX NAME)

Rotation (-).

RN 1161062-79-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-fluoro- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161062-80-1 CAPLUS

CN [1,1'-Bipheny1]-2-propanamide, 3'-acetyl-N-[4-cyano-3- (trifluoromethy1)pheny1]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161062-81-2 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 3'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161062-82-3 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 2'-acetyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161062-83-4 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]- (CA INDEX NAME)

RN 1161062-84-5 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-2-(3-thienyl)- (CA INDEX NAME)

RN 1161062-85-6 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-2-(2-thienyl)- (CA INDEX NAME)

$$\mathbb{Z}$$

RN 1161062-86-7 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3-(3-thienyl)- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

RN 1161062-87-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-[(methylamino)carbonyl]- (CA INDEX NAME)

RN 1161062-88-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-[[(methylsulfonyl)amino]methyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{NC} & \begin{array}{c} \text{CF3} \\ \text{NH} \\ \end{array} \\ \begin{array}{c} \text{OH} \\ \end{array} \\ \begin{array}{c} \text{CH2} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{CH2} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{CH2} \\ \end{array} \\ \begin{array}{c} \text{NH} \\$$

RN 1161062-89-0 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-(acetylamino)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161062-90-3 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-[(methylamino)sulfonyl]- (CA INDEX NAME)

RN 1161062-91-4 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(dimethylamino)sulfonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161062-92-5 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-[(methylsulfonyl)amino]- (CA INDEX NAME)

RN 1161062-93-6 CAPLUS CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-3'-[[[2-(dimethylamino)ethyl]amino]carbonyl]- $\alpha$ - hydroxy- (CA INDEX NAME)

RN 1161062-94-7 CAPLUS CN [1,1'-Biphenyl]-3-propanamide, 3'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

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                    1161062-99-2P
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1161967-76-0P
               1161067-77-1P
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of glycolic amides as nonsteroidal progesterone receptor modulators)

RN 1161062-95-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-[(methylsulfonyl)amino]- (CA INDEX NAME)

RN 1161062-96-9 CAPLUS CN [1,1'-Biphenyl]-3-propanamide, 3'-(aminocarbonyl)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161062-97-0 CAPLUS CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-[(methylamino)carbonyl]- (CA INDEX NAME)

RN 1161062-98-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-3'-[[[2-(dimethylamino)ethyl]amino]carbonyl]- $\alpha$ - hydroxy- (CA INDEX NAME)

RN 1161062-99-2 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-(aminocarbonyl)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161063-00-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 3'-(acetylamino)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161063-01-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-[[(methylsulfonyl)amino]methyl]- (CA INDEX NAME)

RN 1161063-02-0 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(dimethylamino)carbonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161063-03-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-(methylsulfonyl)- (CA INDEX NAME)

RN 1161063-04-2 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(cyclopropylamino)carbonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161063-86-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[4'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 1161063-87-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[1-[[4'-(acetylamino)[1,1'-biphenyl]-3-yl]methyl]-2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-2-oxoethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 1161063-88-2 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[4'-[(methylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 1161063-89-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-[[4'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-1-hydroxy-2-oxoethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 1161063-90-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-(methylsulfonyl)- (CA INDEX NAME)

RN 1161063-91-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-1-(methylsulfonyl)- (CA INDEX NAME)

RN 1161063-92-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[(dimethylamino)sulfonyl]][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-1-(methylsulfonyl)- (CA INDEX NAME)

RN 1161063-93-9 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[4'-

[[(methylsulfonyl)amino]methyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 1161063-94-0 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(acetylamino)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-1-(methylsulfonyl)- (CA INDEX NAME)

RN 1161063-95-1 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(acetylamino)[1,1'-biphenyl]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-(CA INDEX NAME)

RN 1161063-96-2 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)sulfonyl][1,1'-biphenyl]-3- yl]methyl]- (CA INDEX NAME)

RN 1161063-97-3 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)carbonyl][1,1'-biphenyl]-3- yl]methyl]- (CA INDEX NAME)

RN 1161063-98-4 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-(CA INDEX NAME)

RN 1161063-99-5 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-(CA INDEX NAME)

$$\begin{array}{c} \text{NC} & \text{CF}_3 \\ \text{NH} & \text{C} & \text{CH}_2 \\ \\ \text{NH} & \text{C} & \text{CH}_2 \\ \\ \text{NH} & \text{C} & \text{Ph} \\ \\ \end{array}$$

RN 1161064-00-1 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(acetylamino)[1,1'-bipheny1]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-(CA INDEX NAME)

RN 1161064-01-2 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[[(methylsulfonyl)amino]methyl][1,1'-

biphenyl]-3-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{CF3} \\ \text{NH} \\ \begin{array}{c} \text{CH2} \\ \text{NH} \\ \end{array} \end{array}$$

RN 1161064-02-3 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylsulfonyl)amino][1,1'-biphenyl]-3- yl]methyl]- (CA INDEX NAME)

RN 1161064-03-4 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[3'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ - hydroxy- (CA INDEX NAME)

RN

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylsulfonyl)amino][1,1'-biphenyl]-3- yl]methyl]- (CA INDEX NAME)

RN 1161064-05-6 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[4'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ - hydroxy- (CA INDEX NAME)

RN 1161064-06-7 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[[(methylsulfonyl)amino]methyl][1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161064-07-8 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)sulfonyl][1,1'-biphenyl]-3- yl]methyl]- (CA INDEX NAME)

RN 1161064-08-9 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 1161064-09-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-(CA INDEX NAME)

$$\begin{array}{c} \text{CF 3} \\ \text{NH} \\ \text{C} \\ \text{CH 2} \\ \text{C} \\ \text{NHMe} \end{array}$$

RN 1161064-10-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(3-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161064-11-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-(2-phenylacetyl)- (CA INDEX NAME)

$$\begin{array}{c} \text{CF 3} \\ \text{NH} \\ \text{C} \\ \text{C} \\ \text{CH 2} \\ \text{Ph} \\ \end{array}$$

RN 1161064-12-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-(phenylsulfonyl)- (CA INDEX NAME)

RN 1161064-13-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(1,3-dimethyl-1H-pyrazol-5-yl)carbonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{NH} \\ \text{Me} \end{array}$$

RN 1161064-14-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1- (cyclopropylcarbonyl)- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161064-15-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-

RN 1161064-16-9 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3- yl]methyl]- (CA INDEX NAME)

RN 1161064-17-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161064-18-1 CAPLUS
CN [1,1'-Biphenyl]-3-carboxylic acid,
3'-[2-(1-benzoyl-4-piperidinyl)-3-[[4-cyano-3(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxopropyl]- (CA INDEX NAME)

RN 1161064-19-2 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[3'-[[[2-(dimethylamino)ethyl]amino]carbonyl][1,1'-biphenyl]-3- yl]methyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

$$\begin{array}{c} \text{NC} & \begin{array}{c} \text{CF3} \\ \text{NH} & \begin{array}{c} \text{C} \\ \text{C} \\ \end{array} \end{array} \\ \begin{array}{c} \text{C} \\ \text{C} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{C} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{CH} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{CH} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{CH} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{c} \text{CH} \\ \end{array} \\ \begin{array}{c} \text{NH} \\ \end{array} \\ \begin{array}{$$

RN 1161064-20-5 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-(4-morpholinylcarbonyl)[1,1'-biphenyl]-3- yl]methyl]- (CA INDEX NAME)

RN 1161064-21-6 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-(1-piperazinylcarbonyl)[1,1'-biphenyl]-3- yl]methyl]- (CA INDEX NAME)

RN 1161064-22-7 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[4'-[[[2-(dimethylamino)ethyl]amino]carbonyl][1,1'-biphenyl]-3- yl]methyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161064-23-8 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(1-piperazinylcarbonyl)[1,1'-biphenyl]-3-

RN 1161064-24-9 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161064-25-0 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161064-26-1 CAPLUS

CN 4-Piperidineacetamide,  $\alpha-[[3'-(aminosulfonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]-<math>\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161064-27-2 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(3'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

$$F_{3}C$$

$$C_{N}$$

$$C_{N}$$

$$C_{N}$$

$$C_{N}$$

RN 1161064-28-3 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(4-morpholinylcarbonyl)[1,1'-biphenyl]-3- yl]methyl]- (CA INDEX NAME)

RN 1161064-29-4 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(3'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

RN 1161064-30-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -[(3'-formyl[1,1'-biphenyl]-3-yl)methyl]-  $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161064-31-8 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid, 3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-[1-[(4-

fluorophenyl)sulfonyl]-4-piperidinyl]-2-hydroxy-3-oxopropyl]- (CA INDEX NAME)

$$F_{3}C$$

$$C = CH_{2}$$

$$CO_{2}E$$

$$CO_{2}E$$

RN 1161064-32-9 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[[2-(dimethylamino)ethyl]amino]carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161064-33-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[[(2-methoxyethyl)amino]carbonyl][1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161064-34-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(cyclopropylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

$$\begin{array}{c} & & & \\ & &$$

RN 1161064-35-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylsulfonyl)amino][1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161064-36-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-(4-morpholinylcarbonyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & & & & & \\ & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & \\ & & \\ & \\ & \\ & & \\ & \\ & & \\ & \\ & \\ & & \\ & \\ & \\ & \\ & \\ & \\ & \\ & \\$$

RN 1161064-37-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-(4-morpholinylmethyl)[1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{CH}_2 \\ \text{CH}_2 \\ \text{OH} \\ \text{O$$

RN 1161064-38-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(4-methyl-1-piperazinyl)methyl][1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{OH} \\ \text{NH} \end{array}$$

RN 1161064-39-6 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-1-(5-isoxazolylcarbonyl)- (CA INDEX NAME)

RN 1161064-40-9 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161064-41-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]- (CA INDEX NAME)

RN 1161064-42-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 1161064-43-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(dimethylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 1161064-45-4 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -([1,1'-biphenyl]-3-ylmethyl)-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-(CA INDEX NAME)

RN 1161064-48-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-fluoro- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161064-49-8 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 3'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-50-1 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 3'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-51-2 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 2'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161064-52-3 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-53-4 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-2-(3-thienyl)-, (+)- (CA INDEX NAME)

RN 1161064-54-5 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-2-(2-thienyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-55-6 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ cyclohexyl- $\alpha$ -hydroxy-3-(3-thienyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-56-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-[(methylamino)carbonyl]-, (+)- (CA INDEX NAME)

RN 1161064-57-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-[[(methylsulfonyl)amino]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-58-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-(acetylamino)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161064-59-0 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-[(methylamino)sulfonyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-60-3 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(dimethylamino)sulfonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-61-4 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- \alpha-cyclohexyl-\alpha-hydroxy-3'-[(methylsulfonyl)amino]-, (+)- (CA INDEX NAME)

RN 1161064-62-5 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-3'-[[[2-(dimethylamino)ethyl]amino]carbonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

$$_{\rm Me\,2N}$$

RN 1161064-63-6 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 3'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161064-64-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-[(methylsulfonyl)amino]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-65-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 3'-(aminocarbonyl)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-66-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-[(methylamino)carbonyl]-, (+)- (CA INDEX NAME)

RN 1161064-67-0 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-3'-[[[2-(dimethylamino)ethyl]amino]carbonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

$$\begin{array}{c} \text{Me2N} \\ \text{N} \\ \text{H} \end{array}$$

RN 1161064-68-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-(aminocarbonyl)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

$$_{\rm H_2N}$$
  $_{\rm CF_3}$ 

RN 1161064-69-2 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 3'-(acetylamino)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-70-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-[[(methylsulfonyl)amino]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-71-6 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(dimethylamino)carbonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161064-72-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-(methylsulfonyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161064-73-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(cyclopropylamino)carbonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161065-55-9 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[4'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-56-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[1-[[4'-(acetylamino)[1,1'-biphenyl]-3-yl]methyl]-2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-2-oxoethyl]-, 1,1-dimethylethyl ester, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-57-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[4'-[(methylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester, (+)- (CA INDEX NAME)

RN 1161065-58-2 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-[[4'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-1-hydroxy-2-oxoethyl]-, 1,1-dimethylethyl ester, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-59-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-(methylsulfonyl)-, (+)- (CA INDEX NAME)

RN 1161065-60-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-1-(methylsulfonyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-61-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-1-(methylsulfonyl)-, (+)- (CA INDEX NAME)

RN 1161065-62-8 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[4'-[[(methylsulfonyl)amino]methyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-63-9 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(acetylamino)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-1-(methylsulfonyl)-, (+)- (CA INDEX NAME)

RN 1161065-64-0 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(acetylamino)[1,1'-biphenyl]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-65-1 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)sulfonyl][1,1'-biphenyl]-3- yl]methyl]-, (+)- (CA INDEX NAME)

RN 1161065-66-2 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)carbonyl][1,1'-biphenyl]-3- yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-67-3 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161065-68-4 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-69-5 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(acetylamino)[1,1'-biphenyl]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161065-70-8 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[[(methylsulfonyl)amino]methyl][1,1'- biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-71-9 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylsulfonyl)amino][1,1'-biphenyl]-3- yl]methyl]-, (+)- (CA INDEX NAME)

RN 1161065-72-0 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[3'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ - hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-73-1 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylsulfonyl)amino][1,1'-biphenyl]-3- yl]methyl]-, (+)- (CA INDEX NAME)

RN 1161065-74-2 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[4'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ - hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-75-3 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[[(methylsulfonyl)amino]methyl][1,1'- biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

RN 1161065-76-4 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)sulfonyl][1,1'-biphenyl]-3- yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-77-5 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester, (+)- (CA INDEX NAME)

RN 1161065-78-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-79-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(3-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

RN 1161065-80-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-(2-phenylacetyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-81-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-(phenylsulfonyl)-, (+)- (CA INDEX NAME)

RN 1161065-82-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(1,3-dimethyl-1H-pyrazol-5-yl)carbonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-83-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1- (cyclopropylcarbonyl)- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

RN 1161065-84-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-(4-pyridinylcarbonyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-85-5 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

RN 1161065-86-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-87-7 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid,
3'-[2-(1-benzoyl-4-piperidinyl)-3-[[4-cyano-3(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxopropyl]-, (+)- (CA INDEX NAME)

RN 1161065-88-8 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[3'-[[2-(dimethylamino)ethyl]amino]carbonyl][1,1'-biphenyl]-3- yl]methyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-89-9 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-(4-morpholinylcarbonyl)[1,1'-biphenyl]-3- yl]methyl]-, (+)- (CA INDEX NAME)

RN 1161065-90-2 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-(1-piperazinylcarbonyl)[1,1'-biphenyl]-3- yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-91-3 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[4'-[[[2-(dimethylamino)ethyl]amino]carbonyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161065-92-4 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(1-piperazinylcarbonyl)[1,1'-biphenyl]-3- yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-93-5 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161065-94-6 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-95-7 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(aminosulfonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161065-96-8 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(3'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-97-9 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(4-morpholinylcarbonyl)[1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

RN 1161065-98-0 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(3'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N- [4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161065-99-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -[(3'-formyl[1,1'-biphenyl]-3-yl)methyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161066-00-7 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid,
3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-[1-[(4fluorophenyl)sulfonyl]-4-piperidinyl]-2-hydroxy-3-oxopropyl]-, (+)- (CA
INDEX NAME)

Rotation (+).

RN 1161066-01-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[[2-(dimethylamino)ethyl]amino]carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

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RN 1161066-02-9 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[[(2-methoxyethyl)amino]carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(cyclopropylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

$$\bigcap_{H} \bigcap_{OH} \bigcap_{OH} \bigcap_{F}$$

RN 1161066-04-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylsulfonyl)amino][1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161066-05-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-(4-morpholinylcarbonyl)[1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

RN 1161066-06-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-(4-morpholinylmethyl)[1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161066-07-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(4-methyl-1-piperazinyl)methyl][1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

RN 1161066-08-5 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-1-(5-isoxazolylcarbonyl)-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161066-09-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

RN 1161066-10-9 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161066-11-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

RN 1161066-12-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(dimethylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161066-13-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]-, (+)- (CA INDEX NAME)

RN 1161066-14-3 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -([1,1'-biphenyl]-3-ylmethyl)-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1161066-17-6 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-fluoro- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161066-18-7 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 3'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-19-8 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 3'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-20-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 2'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161066-21-2 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid, 2'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-cyclohexyl-2-hydroxy-3-oxopropyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-22-3 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-2-(3-thienyl)-, (-)- (CA INDEX NAME)

RN 1161066-23-4 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-2-(2-thienyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-24-5 CAPLUS

CN Benzenepropanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3-(3-thienyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-25-6 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-[(methylamino)carbonyl]-, (-)- (CA INDEX NAME)

RN 1161066-26-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-[[(methylsulfonyl)amino]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-27-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-(acetylamino)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161066-28-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-4'-[(methylamino)sulfonyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-29-0 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(dimethylamino)sulfonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-30-3 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-[(methylsulfonyl)amino]-, (-)- (CA INDEX NAME)

RN 1161066-31-4 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-3'-[[[2-(dimethylamino)ethyl]amino]carbonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

$$\text{Me}_{2}\text{N} \qquad \text{CN}$$

RN 1161066-32-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 3'-cyano-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161066-33-6 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-[(methylsulfonyl)amino]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-34-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 3'-(aminocarbonyl)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-35-8 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-[(methylamino)carbonyl]-, (-)- (CA INDEX NAME)

RN 1161066-36-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-3'-[[[2-(dimethylamino)ethyl]amino]carbonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

$$\begin{array}{c} \text{Me}\,2\text{N} \\ \text{N} \\ \text{H} \end{array}$$

RN 1161066-37-0 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 4'-(aminocarbonyl)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161066-38-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, 3'-(acetylamino)-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-39-2 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-[[(methylsulfonyl)amino]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-40-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(dimethylamino)carbonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161066-41-6 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl- $\alpha$ -hydroxy-3'-(methylsulfonyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161066-42-7 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(cyclopropylamino)carbonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161067-27-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[4'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-28-2 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[1-[[4'-(acetylamino)[1,1'-biphenyl]-3-yl]methyl]-2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-2-oxoethyl]-, 1,1-dimethylethyl ester, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-29-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[4'-[(methylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester, (-)- (CA INDEX NAME)

RN 1161067-30-6 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-[[4'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-1-hydroxy-2-oxoethyl]-, 1,1-dimethylethyl ester, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-31-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-(methylsulfonyl)-, (-)- (CA INDEX NAME)

RN 1161067-32-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-1-(methylsulfonyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-33-9 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-1-(methylsulfonyl)-, (-)- (CA INDEX NAME)

RN 1161067-34-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[4'-[[(methylsulfonyl)amino]methyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-35-1 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(acetylamino)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-1-(methylsulfonyl)-, (-)- (CA INDEX NAME)

RN 1161067-36-2 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(acetylamino)[1,1'-biphenyl]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-37-3 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)sulfonyl][1,1'-biphenyl]-3- yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-38-4 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylamino)carbonyl][1,1'-biphenyl]-3- yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-39-5 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161067-40-8 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

$$_{\rm H_2N}$$
  $_{\rm OH}$   $_{\rm OH}$   $_{\rm CN}$ 

RN 1161067-41-9 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(acetylamino)[1,1'-biphenyl]-3-yl]methyl]-1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161067-42-0 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[[(methylsulfonyl)amino]methyl][1,1'- biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-43-1 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[(methylsulfonyl)amino][1,1'-biphenyl]-3- yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-44-2 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[3'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ - hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-45-3 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylsulfonyl)amino][1,1'-biphenyl]-3- yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-46-4 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[4'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ - hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-47-5 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-[[(methylsulfonyl)amino]methyl]][1,1'- biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-48-6 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)sulfonyl][1,1'-biphenyl]-3- yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-49-7 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-hydroxy-1-[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-2-oxoethyl]-, 1,1-dimethylethyl ester, (-)- (CA INDEX NAME)

RN 1161067-50-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-51-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(3-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-52-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-(2-phenylacetyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-53-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-(phenylsulfonyl)-, (-)- (CA INDEX NAME)

RN 1161067-54-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(1,3-dimethyl-1H-pyrazol-5-yl)carbonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-55-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1- (cyclopropylcarbonyl)- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-56-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-(4-pyridinylcarbonyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-57-7 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-58-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-59-9 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid,
3'-[2-(1-benzoyl-4-piperidinyl)-3-[[4-cyano-3(trifluoromethyl)phenyl]amino]-2-hydroxy-3-oxopropyl]-, (-)- (CA INDEX NAME)

RN 1161067-60-2 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[3'-[[2-(dimethylamino)ethyl]amino]carbonyl][1,1'-biphenyl]-3- yl]methyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

Me 2N 
$$\stackrel{\text{N}}{\text{H}}$$
  $\stackrel{\text{O}}{\text{H}}$   $\stackrel{\text{O}}{\text{Cr}}$   $\stackrel{\text{CN}}{\text{Cr}}$ 

RN 1161067-61-3 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-(4-morpholinylcarbonyl)[1,1'-biphenyl]-3- yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-62-4 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[3'-(1-piperazinylcarbonyl)[1,1'-biphenyl]-3- yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-63-5 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[4'-[[[2-(dimethylamino)ethyl]amino]carbonyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161067-64-6 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(1-piperazinylcarbonyl)[1,1'-biphenyl]-3- yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-65-7 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[4'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161067-66-8 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-67-9 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(aminosulfonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161067-68-0 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(3'-cyano[1,1'-biphenyl]-3-yl)methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-69-1 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy- $\alpha$ -[[4'-(4-morpholinylcarbonyl)[1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-70-4 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[(3'-acetyl[1,1'-biphenyl]-3-yl)methyl]-N- [4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-71-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -[(3'-formyl[1,1'-biphenyl]-3-yl)methyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161067-72-6 CAPLUS

CN [1,1'-Biphenyl]-3-carboxylic acid,
3'-[3-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-2-[1-[(4fluorophenyl)sulfonyl]-4-piperidinyl]-2-hydroxy-3-oxopropyl]-, (-)- (CA
INDEX NAME)

Rotation (-).

RN 1161067-73-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[[2-(dimethylamino)ethyl]amino]carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

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\_\_\_ F

RN 1161067-74-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[[(2-methoxyethyl)amino]carbonyl][1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(cyclopropylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-76-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylsulfonyl)amino][1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-77-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-(4-morpholinylcarbonyl)[1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

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ΙT
     1161067-78-2P
                     1161067-79-3P
                                      1161067-80-6P
                     1161067-82-8P
                                      1161067-83-9P
     1161067-81-7P
     1161067-84-09
                     1161067-85-1P
                                     1161067-86-2P
     1161067-89-5P
                     1161067-92-0P
                                     1161067-95-3P
     1161067-98-6P
                     1161068-01-4P
                                      1161068-04-7P
     1161068-07-0P
                     1161068-16-1P
                                      1161404-02-9P
     1161404-03-0P
                     1161404-04-1P
                                     1161404-05-2P
     1161404-06-3P
                     1161404-07-4P
                                     1161404-08-5P
     1161404-09-6P
                     1161404-10-9P
                                      1161404-11-0P
                                      1161404-14-3P
     1161404-12-1P
                     1161404-13-2P
     1161404-15-4P
                     1161404-16-5P
                                      1161404-17-6P
     1161404-18-7P
                     1161404-19-8P
                                      1161404-20-1P
     1161404-21-2P
                     1161404-22-3P
                                      1161404-23-4P
     1161404-24-59
                     1161404-25-6P
                                      1161404-26-7P
     1161404-27-8P
                     1161404-28-9P
                                     1161404-29-0P
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of glycolic amides as nonsteroidal progesterone receptor modulators)

RN 1161067-78-2 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-(4-morpholinylmethyl)[1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-79-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(4-methyl-1-piperazinyl)methyl][1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-80-6 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -[[3'-(aminocarbonyl)[1,1'-biphenyl]-3-yl]methyl]-N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -hydroxy-1-(5-isoxazolylcarbonyl)-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-81-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(dimethylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

RN 1161067-82-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3'-[(methylamino)sulfonyl][1,1'-biphenyl]-3-yl]methyl]-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-83-9 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(3-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-84-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(dimethylamino)carbonyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-85-1 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- $\alpha$ -[[3-(4-pyridinyl)phenyl]methyl]-, (-)- (CA INDEX NAME)

RN 1161067-86-2 CAPLUS

CN 4-Piperidineacetamide,  $\alpha$ -([1,1'-biphenyl]-3-ylmethyl)-N-[4-cyano-3-(trifluoromethyl)phenyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, (-)- (CA INDEX NAME)

Rotation (-).

RN 1161067-89-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-(1,2-dihydroxyethyl)- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161067-92-0 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-

 $\alpha\text{-cyclohexyl-4'-[4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl]-}\alpha\text{-hydroxy-}$  (CA INDEX NAME)

RN 1161067-95-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-[[4'-[4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]-1-hydroxy-2-oxoethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

HO 
$$CH_2$$
  $CH_2$   $CH_2$ 

RN 1161067-98-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161068-01-4 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[4'-[4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

RN 1161068-04-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-1-(methylsulfonyl)- (CA INDEX NAME)

HO 
$$CH_2$$
 $CH_2$ 
 $CH_3$ 
 $CH_3$ 
 $CH_4$ 
 $CH_5$ 
 $CH_5$ 
 $CH_6$ 
 $CH_6$ 
 $CH_6$ 
 $CH_7$ 
 $CH_7$ 
 $CH_8$ 
 $CH_8$ 

RN 1161068-07-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy- (CA INDEX NAME)

HO 
$$CH_2$$
  $CH_2$   $CH_3$   $CH_2$   $CH_3$   $CH_4$   $CH_5$   $CH_5$ 

RN 1161068-16-1 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -hydroxy-3'-[(methylamino)carbonyl]- $\alpha$ -[4- (trifluoromethyl)cyclohexyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{NC} & \overset{\text{CF3}}{\longrightarrow} \text{NH} & \overset{\text{O}}{\longleftarrow} \text{CH}_2 \\ & \overset{\text{C}}{\longrightarrow} \text{CH}_2 \\ & \overset{\text{C}}{\longrightarrow} \text{NHMe} \end{array}$$

RN 1161404-02-9 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(1R)-1,2-dihydroxyethyl]- $\alpha$ -hydroxy-, ( $\alpha$ R)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-03-0 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(1S)-1,2-dihydroxyethyl]- $\alpha$ -hydroxy-, ( $\alpha$ S)- (CA INDEX NAME)

RN 1161404-04-1 CAPLUS CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(1S)-1,2-dihydroxyethyl]- $\alpha$ -hydroxy-, ( $\alpha$ R)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-05-2 CAPLUS CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(1R)-1,2-dihydroxyethyl]- $\alpha$ -hydroxy-, ( $\alpha$ S)- (CA INDEX NAME)

RN 1161404-06-3 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl]- $\alpha$ -hydroxy-, ( $\alpha$ R)- (CA INDEX NAME)

Absolute stereochemistry.

$$F_3C$$
OH
$$CF_3$$
CN

RN 1161404-07-4 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl]- $\alpha$ -hydroxy-, ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-08-5 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl]- $\alpha$ -hydroxy-, ( $\alpha$ R)- (CA INDEX NAME)

RN 1161404-09-6 CAPLUS

CN [1,1'-Biphenyl]-3-propanamide, N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -cyclohexyl-4'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl]- $\alpha$ -hydroxy-, ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-10-9 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[(1R)-2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-[[4'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]-1-hydroxy-2-oxoethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 1161404-11-0 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[(1S)-2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-[[4'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]-1-hydroxy-2-oxoethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-12-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[(1R)-2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-[[4'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]-1-hydroxy-2-oxoethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 1161404-13-2 CAPLUS

CN 1-Piperidinecarboxylic acid, 4-[(1S)-2-[[4-cyano-3-(trifluoromethyl)phenyl]amino]-1-[[4'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]-1-hydroxy-2-oxoethyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-14-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-, ( $\alpha$ R)- (CA INDEX NAME)

$$F_3$$
COH

RN 1161404-15-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-, ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-16-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-, ( $\alpha$ R)- (CA INDEX NAME)

RN 1161404-17-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-, ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-18-7 CAPLUS

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[4'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-, ( $\alpha$ R)- (CA INDEX NAME)

RN 1161404-19-8 CAPLUS CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[4'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-, ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-20-1 CAPLUS CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[4'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-, ( $\alpha$ R)- (CA INDEX NAME)

RN 1161404-21-2 CAPLUS CN 4-Piperidineacetamide, 1-ber

CN 4-Piperidineacetamide, 1-benzoyl-N-[4-cyano-3-(trifluoromethyl)phenyl]-  $\alpha$ -[[4'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-, ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-22-3 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-1-(methylsulfonyl)-, ( $\alpha$ R)-(CA INDEX NAME)

$$_{\mathrm{F_{3}C}}^{\mathrm{N}}$$

RN 1161404-23-4 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-1-(methylsulfonyl)-, ( $\alpha$ S)-(CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-24-5 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-1-(methylsulfonyl)-, ( $\alpha$ R)-(CA INDEX NAME)

RN 1161404-25-6 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[4'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]- $\alpha$ -hydroxy-1-(methylsulfonyl)-, ( $\alpha$ S)-(CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-26-7 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, ( $\alpha$ R)- (CA INDEX NAME)

RN 1161404-27-8 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.

RN 1161404-28-9 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(5S)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, ( $\alpha$ R)- (CA INDEX NAME)

RN 1161404-29-0 CAPLUS

CN 4-Piperidineacetamide, N-[4-cyano-3-(trifluoromethyl)phenyl]- $\alpha$ -[[3'-[(5R)-4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl][1,1'-biphenyl]-3-yl]methyl]-1-[(4-fluorophenyl)sulfonyl]- $\alpha$ -hydroxy-, ( $\alpha$ S)- (CA INDEX NAME)

Absolute stereochemistry.

REFERENCE COUNT: 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 5 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2009:740002 CAPLUS Full-text

DOCUMENT NUMBER: 151:50538

TITLE: Substituted isoxazoline pesticides

INVENTOR(S): Mita, Takeshi; Maeda, Kazushige; Komoda, Mitsuaki;

Ikeda, Eitatsu; Toyama, Ken-Ichi; Iwasa, Motoyoshi

PATENT ASSIGNEE(S): Nissan Chemical Industries, Ltd., Japan

SOURCE: U.S. Pat. Appl. Publ., 217pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

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US 20090156643
                          Α1
                                20090618
                                            US 2008-230780
                                                                    20080904
     WO 2007105814
                         Α1
                                20070920
                                            WO 2007-JP55325
                                                                    20070312
            AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
             CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
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             MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS,
             RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ,
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             BY, KG, KZ, MD, RU, TJ, TM
     WO 2010027051
                                20100311
                                            WO 2009-JP65510
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PRIORITY APPLN. INFO.:
                                            JP 2006-65097
                                                                 A 20060310
                                            WO 2007-JP55325
                                                                 A2 20070312
                                            US 2008-230780
                                                                 A 20080904
                                            JP 2008-308692
                                                                    20081203
                                                                 Α
                                            JP 2009-66167
                                                                 Α
                                                                    20090318
                                            JP 2009-154984
                                                                 Α
                                                                    20090630
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
OTHER SOURCE(S):
                         MARPAT 151:50538
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 $O-N$ 
 $Y_n$ 
 $A^2$ 
 $A^2$ 
 $A^2$ 
 $A^3$ 
 $A^2$ 
 $A^3$ 
 $A^3$ 

GΙ

AB Provided are pesticidal isoxazolines (I), or salts thereof, wherein A1, A2 and A3 independently = C, N; G = benzene ring, etc.; L = CH2, C(CH3), CH(CN), etc.; X = halo, C1-6 haloalkyl, etc.; Y = halo, C1-6 alkyl, etc.; R1 = COR1a, etc.; R1a = (halo)alkyl, etc.; R2 = H, C1-6 haloalkyl, alkenyl, etc.; R3 = haloalkyl, etc.; m = 0-5 integer, n = 0-4 integer. These compds. have excellent insecticidal and acaricidal activities and may be used as endo- or ectoparasiticides for mammals or birds. Thus,  $1-[4-[5-(3,5-dichlorophenyl)-5-trifluoromethyl-4,5-dihydroisoxazol-3-yl]phenylmethyl]-3-(2,2,2-trifluoroethyl)urea (prepared) showed an insecticidal rate of <math>\geq 80\%$  against cabbage moth (Plutella xylostella) when tested at 10 ppm.

Ι

IT 1160869-00-0P 1160869-01-1P

RL: AGR (Agricultural use); BSU (Biological study, unclassified); BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation and use as pesticide)

RN 1160869-00-0 CAPLUS

CN Urea, N-[[2-chloro-4-[4,5-dihydro-5-(3,4,5-trichlorophenyl)-5-(trifluoromethyl)-3-isoxazolyl]phenyl]methyl]-N'-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{C1} & \text{O} & \text{F3C} \\ \text{O} & \text{CH}_2 - \text{NH} - \text{C} - \text{NH} \\ \text{C1} & \text{C1} \\ \end{array}$$

RN 1160869-01-1 CAPLUS

CN Urea, N-[[2-chloro-4-[4,5-dihydro-5-(3,4,5-trichlorophenyl)-5-(trifluoromethyl)-3-isoxazolyl]phenyl]methyl]-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c|c}
C1 & CH_2-NH-C-NH-CF_3\\
\hline
C1 & C1 & C1
\end{array}$$

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L4 ANSWER 6 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2009:564854 CAPLUS Full-text

DOCUMENT NUMBER: 150:563825

TITLE: Preparation of imidazole derivatives as cytokine

inhibitors

INVENTOR(S): Su, Weiguo; Deng, Wei; Cai, Yu; Duan, Jifeng
PATENT ASSIGNEE(S): Hutchison Medipharma Limited, Peop. Rep. China
SOURCE: Faming Zhuanli Shenqing Gongkai Shuomingshu, 59pp.

CODEN: CNXXEV

DOCUMENT TYPE: Patent LANGUAGE: Chinese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
				-	
CN 101423518	A	20090506	CN 2008-10175305		20081103
PRIORITY APPLN. INFO.:			CN 2007-10047763	Α	20071102
OTHER SOURCE(S):	CASREA	CT 150:56382	5; MARPAT 150:563825		

GΙ

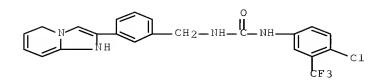
RN

AB The title compds. with general formula I [wherein A = a bond, (CRaRb)n, or heteroaryl; n = 1 - 5; Ra and Rb = independently H or alkyl; B = 5- to 6-membered heteroaryl; X = a bond, SO, SO2, C(=O), C(=O)O, etc.; R1 and R2 = independently H, halo, alkyl, haloalkyl, etc.; R3 = H, halo, (un)substituted alkyl, haloalkyl, aryl, etc.] or pharmaceutically acceptable salts or solvates thereof were prepared as cytokine inhibitors. Also disclosed are methods of using these compds. to decrease the level of a cytokine (e.g., TNF $\alpha$  or IL-1 $\beta$ ) in a subject and to treat a disorder mediated by over production of a cytokine. E.g., cyclization of 3-(2-bromoacetyl)benzonitrile with 6-chloropyridazin-3-amine to give 3-(6-chloroimidazo[1,2-b]pyridazin-2-yl)benzonitrile which was treated with Pd-C/H2 and NH2OH followed by cyclization reaction gave II. Selected invention compds. demonstrated significant inhibition of TNF $\alpha$  and IL-1 $\beta$  production at a dose ranging 1 to 1000 mg/kg in vivo assays.

IT 1149382-58-0P, 1-[[3-(1H-Imidazo[1,2-a]pyridin-2-yl)phenyl]methyl]-3-[4-chloro-3-(trifluoromethyl)phenyl]urea
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(drug candidate; preparation of imidazole derivs. as cytokine inhibitors) 1149382-58-0 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(1,5-dihydroimidazo[1,2-a]pyridin-2-yl)phenyl]methyl]- (CA INDEX NAME)



L4 ANSWER 7 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2009:552776 CAPLUS Full-text

DOCUMENT NUMBER: 150:515170

TITLE: Preparation of imidazole derivatives as cytokine

inhibitors

INVENTOR(S): Deng, Wei; Su, Wei-Guo; Cai, Yu; Duan, Jeff

PATENT ASSIGNEE(S): Hutchison Medipharma Enterprises Limited, Peop. Rep.

China

SOURCE: U.S. Pat. Appl. Publ., 41pp.; Chemical Indexing

Equivalent to 150:515169 (WO)

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

	PATENT NO.			KIND DATE		APPLICATION NO.						DATE					
		090118292 A1			_	20090507 US 2007-934154					20071102						
AU	2008318491			A1 20090507			AU 2008-318491						20081031				
CA	2704	704431			A1 20090507			CA 2008-2704431						20081031			
WO	2009059162			A1 20090507			WO 2008-US82027					20081031					
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							KZ,										
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		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	ST,	SV,	SY,	ΤJ,
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	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HR,	HU,
		ΙE,	IS,	IT,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,
		TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,
		ΤG,	BW,	GH,	GM,	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,
		AM,	AZ,	BY,	KG,	KZ,	MD,	RU,	TJ,	TM	·	·	·	·	·	·	
PRIORITY	APP	•	,	,	- •	,	,	- ,	,		007-	9341	54		A 2	0071	102
									,	WO 2	008-	usa2	027	1	W 2	0081	0.3.1

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT GI

$$\mathbb{R}^3 \times \mathbb{A} \longrightarrow \mathbb{R}^2$$

Title compds. I [A = bond, (CRaRb)n, or heteroaryl; n = 1-5; Ra and Rb independently = H or alkyl; B = 5- to 6-membered heteroaryl; X = bond, SO, SO2, CO, COO, etc.; R1 and R2 independently = H, halo, alkyl, haloalkyl, etc.; R3 = H, halo, (un)substituted alkyl, haloalkyl, aryl, etc.], and their pharmaceutically acceptable salts, are prepared and disclosed. Also disclosed are methods of using these compds. to decrease the level of a cytokine (e.g., TNF $\alpha$  or IL-1 $\beta$ ) in a subject and to treat a disorder mediated by an over production of a cytokine. E.g., cyclization of 3-(2-bromoacetyl)benzonitrile with 6-chloropyridazin-3-amine to give 3-(6-chloroimidazo[1,2-b]pyridazin-2-yl)benzonitrile which was treated with Pd-C/H2 and NH2OH followed by cyclization reaction gave II. Selected invention compds. demonstrated significant inhibition of TNF $\alpha$  and IL-1 $\beta$  production at a dose ranging 1 to 1000 mg/kg in vivo assays.

IT 1149382-58-0P, 1-[[3-(1H-Imidazo[1,2-a]pyridin-2-yl)phenyl]methyl]-3-[4-chloro-3-(trifluoromethyl)phenyl]urea
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(preparation of imidazole derivs. as cytokine inhibitors)

RN 1149382-58-0 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(1,5-dihydroimidazo[1,2-a]pyridin-2-yl)phenyl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

L4 ANSWER 8 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2009:549738 CAPLUS Full-text

DOCUMENT NUMBER: 150:515169

TITLE: Preparation of imidazole derivatives as cytokine

inhibitors

INVENTOR(S): Deng, Wei; Su, Wei-Guo; Cai, Yu; Duan, Jeff

PATENT ASSIGNEE(S): Hutchison Medipharma Enterprises Limited, Bahamas

SOURCE: PCT Int. Appl., 81pp.; Chemical Indexing Equivalent to

150:515170 (US) CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

F	PAI	ENT 1	NO.			KIN	D	DATE			APPL	ICAT	ION I	NO.		D.	ATE	
Vi	VO	2009	0591	62		A1	_	2009	0507	1	wo 2	008-	US82	027		2	0081	031
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			FI,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KΕ,
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Ü						A1		2009	0507	1	US 2	007-	9341.	54		2	0071	102
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C	CA 2704431							2009	0507		CA 2	0.08 - 3	2704	431		2	0081	031
PRIORI	ΙΤΥ	APP:	LN.	INFO	.:					1	US 2	007-	9341.	54	1	A 2	0071	102
										1	WO 2	008-1	US82	027	I	w 2	0081	031

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 150:515169

GI

AB Title compds. I [A = bond, (CRaRb)n, or heteroaryl; n = 1-5; Ra and Rb independently = H or alkyl; B = 5- to 6-membered heteroaryl; X = bond, SO, SO2, CO, COO, etc.; R1 and R2 independently = H, halo, alkyl, haloalkyl, etc.;

R3 = H, halo, (un)substituted alkyl, haloalkyl, aryl, etc.], and their pharmaceutically acceptable salts, are prepared and disclosed. Also disclosed are methods of using these compds. to decrease the level of a cytokine (e.g., TNF $\alpha$  or IL-1 $\beta$ ) in a subject and to treat a disorder mediated by an over production of a cytokine. E.g., cyclization of 3-(2-bromoacetyl)benzonitrile with 6-chloropyridazin-3-amine to give 3-(6-chloroimidazo[1,2-b]pyridazin-2-yl)benzonitrile which was treated with Pd-C/H2 and NH2OH followed by cyclization reaction gave II. Selected invention compds. demonstrated significant inhibition of TNF $\alpha$  and IL-1 $\beta$  production at a dose ranging 1 to 1000 mg/kg in vivo assays.

IT 1149382-58-0P, 1-[[3-(1H-Imidazo[1,2-a]pyridin-2-yl)phenyl]methyl]-3-[4-chloro-3-(trifluoromethyl)phenyl]urea
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
 (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
 (Uses)

(preparation of imidazole derivs. as cytokine inhibitors)

RN 1149382-58-0 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(1,5-dihydroimidazo[1,2-a]pyridin-2-yl)phenyl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 9 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2009:336276 CAPLUS Full-text

DOCUMENT NUMBER: 150:306681

TITLE: Preparation of 1-benzoxazones and related compounds as

nonsteroidal progesterone receptor modulators

TANKED (C)

INVENTOR(S): Schwede, Wolfgang; Moeller, Carsten; Schmidt, Anja; Fuhrmann, Ulrike; Rotgeri, Andrea; Kirkland, Thomas

Andrew; Wyrwa, Ralf

PATENT ASSIGNEE(S): Bayer Schering Pharma AG, Germany SOURCE: U.S. Pat. Appl. Publ., 145 pp.

CODEN: USXXCO

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 20090075989	A1	20090319	US 2007-961314	20071220
PRIORITY APPLN. INFO.:			DE 2006-102006061912A	20061221
			US 2007-880707P P	20070117
			US 2007-979208P P	20071011

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 150:306681

$$\mathbb{R}^{2} - (CH_{2})_{q} \xrightarrow{\mathbb{N}} \mathbb{R}^{3}$$

$$\mathbb{R}^{3}$$

$$\mathbb{R}^{2} - (CH_{2})_{q} \xrightarrow{\mathbb{N}} \mathbb{R}^{3}$$

$$\mathbb{R}^{3}$$

$$\mathbb{R}^{3} - \mathbb{R}^{3}$$

AΒ The invention relates to non-steroidal progesterone receptor modulators of the general formula I, the use of the progesterone receptor modulators for the manufacture of medicaments, and pharmaceutical compns. which comprise these compds. The compds. according to the invention are suitable for the therapy and prophylaxis of gynecol. disorders such as endometriosis, leiomyomas of the uterus, dysfunctional bleeding and dysmenorrhea, and for the therapy and prophylaxis of hormone-dependent tumors and for use for female fertility control and for hormone replacement therapy. Compds. of formula I wherein q is 0, and 1; X is 0, and H2; Y = (CH2)0-1, CH=CH, and C.tplbond.C; R1 =(un) substituted (mono/bi) cyclic C6-12 aryl, (un) substituted 5- to 12-membered heteroaryl, (un)substituted C3-10 cycloalkyl, etc.; R2 = (un)substituted (mono/bi)cyclic C6-12 aryl and (un)substituted 5- to 12-membered heteroryl; R3 is benzoxazones, isoquinolinones, indanones, benzotriazoles, etc.; and their pharmaceutically acceptable salts are claimed. Example compound II was prepared by acylation of 6-amino-4-methyl-2,3-benzoxazin-1-one with phenylglyoxylic acid; the resulting 6-[2-phenyl-2-oxoacetylamino]-4-methyl-2,3-benzoxazin-1-one underwent addition with phenylacetylene to give compound II. All the invention compds. were evaluated for their progestrione receptor modulatory activity. In progesterone receptor assays, example compound II exhibited IC50 values ranging from 30 nM.

IT 1036306-76-9P 1036306-78-1P 1036306-80-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of benzoxazones and related compds. as nonsteroidal progesterone receptor modulators)

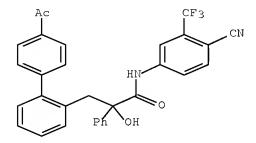
RN 1036306-76-9 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -phenyl- (CA INDEX NAME)

RN 1036306-78-1 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -phenyl-, (+)- (CA INDEX NAME)

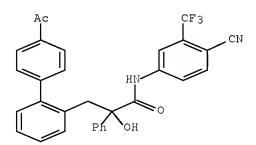
## Rotation (+).



RN 1036306-80-5 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -phenyl-, (-)- (CA INDEX NAME)

### Rotation (-).



L4 ANSWER 10 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2008:1339943 CAPLUS Full-text

DOCUMENT NUMBER: 149:534229
TITLE: Preparation of

2-amino-4-phenyl-4,5-dihydro-5H-1,3-thiazine derivatives and related compounds for treatment of

Alzheimer's disease

INVENTOR(S): Kobayashi, Naotake; Ueda, Kazuo; Itoh, Naohiro;

Suzuki, Shinji; Sakaguchi, Gaku; Kato, Akira; Yukimasa, Akira; Hori, Akihiro; Kooriyama, Yuji; Haraguchi, Hidekazu; Yasui, Ken; Kanda, Yasuhiko

PATENT ASSIGNEE(S): Shionogi & Co., Ltd., Japan

SOURCE: PCT Int. Appl., 354pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 4

PATENT INFORMATION:

OTHER SOURCE(S):

GΙ

Ρ.	ATENT	NO.			KIN	D	DATE			APPL	ICAT	ION I	NO.		D.	ATE	
– W	 O 2008	1332	 73		 A1	_	2008	 1106		WO 2	008-	 JP57	 842		2	0080	423
	W:	ΑE,	AG,	AL,	ΑM,	ΑO,	ΑT,	ΑU,	ΑZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	BZ,
		CA,	CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,
		FΙ,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,
		KG,	KM,	KN,	KP,	KR,	ΚZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,
		ME,	MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ΤJ,	TM,
		TT,	ΤZ,	UA,	UG,	US,	UΖ,	VC,	VN,	ZA,	ZM,	ZW					
	RW:	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HR,	HU,		
		ΙΤ,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,		
		TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,
		TG,	BW,	GH,	GM,	KE,	LS,	MW,	ΜZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,
		AM,	ΑZ,	BY,	KG,	KΖ,	MD,	RU,	ТJ,	TM							
E	P 2151	435			A1		2010	0210		EP 2	008-	7519	80		2	0800	423
	R:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HR,	HU,
		ΙE,	IS,	ΙΤ,	LI,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,
		SK,	TR,	AL,	BA,	MK,	RS										
U	S 2010	0160	290		A1		2010	0624		US 2	009-	5974	70		2	0091	124
PRIORI	TY APP	LN.	INFO	.:						JP 2	007-	1147	64	1	A 2	0070	424
										WO 2	008-	JP57	842	1	W 2	0080	423
ASSIGN	MENT H	ISTO	RY F	OR U	S PA	TENT	AVA	ILAB:	LE I	N LS	US D	ISPL	AY F	ORMA'	T		

MARPAT 149:534229

# \* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

The title compds. [I; ring A = each (un)substituted carbocyclic or AΒ heterocyclic ring group; E = a bond, Alk1, O-Alk1, S-Alk1, N(R0)-Alk1; Alk1 = lower alkylene or alkenylene; R0 = H, lower alkyl, acyl; X = S, O, NR1; R1 = H, lower alkyl; R2a, R2b = H, HO, each (un)substituted lower alkyl, lower alkenyl, NH2, amidino, acyl, CONH2, carbamoylcarbonyl, lower alkylsulfonyl, arylsulfonyl, or heterocyclyl; R3a, R3b, R4a, R4b = H, halo, HO, each (un) substituted lower alkyl, lower alkenyl, acyl, lower alkoxycarbonyl, NH2, CONH2, carbocyclyl, or heterocyclyl, CO2H; n, m = an integer of 0-3, provided that n+m = 1-3; R5 = H, each lower alkyl, lower alkenyl, lower alkynyl, carbocyclyl, or heterocyclyl], pharmaceutically acceptable salts thereof, or hydrates thereof were prepared These compds. inhibit proteinase BACE-1 and the production of amyloid eta protein and are useful for treatment of diseases induced by the production, secretion, or deposition of amyloid  $\beta$  protein, in particular Alzheimer's disease. Thus, addition reaction of N-(3-acetyl-5bromophenyl)-2,2,2- trifluoroacetamide with vinylmagnesium chloride in THF/Et20 in a dry ice-acetone bath for 20 min, under ice cooling for 30 min, and at room temperature for 35 min gave an allyl alc. (II) which under went condensation reaction with thiourea in 1 M HCl/EtOAc solution at room temperature for 69 h and at  $40^{\circ}$  for 45 h to give an isothiourea (III). Cyclization of III in the presence of CF3SO3 in CF3CO2H at room temperature for 3.5 h gave an 2-amino-4-phenyl-4,5-dihydro-5H-1,3-thiazine (IV; R = H, R1 = CF3CO) which underwent N-protection with di(tert-butyl) dicarbonate in the presence of Et3N in THF under ice-cooling for 2 h and at room temperature for 3 h to give IV (R = Boc, R1 = CF3CO). IV (R = Boc, R1 = CF3CO) was treated

with a mixture of 1 M NaOH aqueous solution and THF at 50° for 4 h and then with 4 M HCl/1,4-dioxane solution to give IV.2HCl (R = R1 = H). The compound (V) at 10 mg/kg p.o. in vivo lowered amyloid  $\beta$  protein by 50.1% in rat brain after 3 h. [This abstract record is one of 4 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.]

IT 935986-15-5P 935996-49-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 2-amino-4-phenyl-4,5-dihydro-5H-1,3-thiazine derivs. and related compds. as inhibitors of proteinase BACE-1 and production of amyloid  $\beta$  protein for treatment of Alzheimer's disease)

RN 935986-15-5 CAPLUS

CN Acetamide, 2-[3-(2-amino-5,6-dihydro-4-methyl-4H-1,3-thiazin-4-yl)phenoxy]-N-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 935996-49-9 CAPLUS

CN Acetamide, 2-[3-(2-amino-5,6-dihydro-4-methyl-4H-1,3-thiazin-4-yl)phenoxy]-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)

REFERENCE COUNT: 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 11 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2008:881451 CAPLUS Full-text

DOCUMENT NUMBER: 149:176348

TITLE: Preparation of novel semicarbazide and

carbonylhydrazide derivatives useful as potassium

channel modulators

INVENTOR(S): Nardi, Antonio; Demnitz, Joachim; Grunnet, Morten;

Christophersen, Palle; Jones, David Spencer; Nielsen, Elsebet Oestergaard; Stroebaek, Dorte; Madsen, Lars

Siim

PATENT ASSIGNEE(S): Neurosearch A/S, Den.

SOURCE: PCT Int. Appl., 22pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA'	TENT	NO.			KIN	D	DATE			APPL	ICAT	ION	NO.		D.	ATE	
WO	2008	 0871	 77		A1	_	2008	0724		WO 2	008-	EP50	487		2	0080	117
	W:	ΑE,	AG,	AL,	AM,	AO,	ΑT,	AU,	ΑZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	BZ,
		CA,	CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,
		FI,	GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,
		KG,	KΜ,	KN,	KP,	KR,	ΚZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,
		ME,	MG,	MK,	MN,	M₩,	MX,	MΥ,	MΖ,	NA,	NG,	NI,	NO,	NΖ,	OM,	PG,	PH,
		PL,	PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ΤJ,	TM,
		TN,	TR,	TT,	TZ,	UA,	UG,	US,	UΖ,	VC,	VN,	ZA,	ZM,	ZW			
	RW:	BG,	CH,	CY,	CZ,	DE,	DK,	ΕE,	ES,	FΙ,	FR,	GB,	GR,	HR,	HU,		
		ΙE,	IS,	IT,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,	SK,
		TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,
		ΤG,	BW,	GH,	GM,	ΚE,	LS,	MW,	ΜZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,
		AM,	ΑZ,	BY,	KG,	ΚZ,	MD,	RU,	ТJ,	TM							
EP	2121	640			A1		2009	1125		EP 2	008-	7015	48		2	0080	117
	R:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HR,	HU,
		ΙE,	IS,	IT,	LI,	LT,	LU,	LV,	MC,	MT,	NL,	NO,	PL,	PT,	RO,	SE,	SI,
		SK,	TR														
US	2010	0137.	327		A1		2010	0603		US 2	009-	5222	73		2	0090	903
PRIORIT	Y APP	LN.	INFO	.:						DK 2	007-	82		i	A 2	0070	118
										US 2	007-	8809	62P	]	P 2	0070	118
										wo 2	008-	EP50	487	1	W 2	0800	117
ASSIGNM	ENT H	ISTO:	RY F	OR U	S PA	TENT	AVA	ILAB	LE I	N LS	US D	ISPL	AY F	ORMA'	T		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): CASREACT 149:176348; MARPAT 149:176348 GI

## \* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

- AB The title compds. I [X = absent, NH; R1 = tetrazolyl; R2 = halo, OH or Ph (optionally substituted with one or more halo and/or CF3); R3, R4 = halo, CF3, OH and/or Ph] that are found to be potent modulators of potassium channels and, as such, they are valuable candidates for the treatment of diseases or disorders as diverse as those which are responsive to modulation of potassium channels, were prepared Thus, a 2-step synthesis of II, starting from III, was given. II was tested for the BK channel opening activity (data given). Pharmaceutical compns. comprising compound I are disclosed.
- IT 1040405-77-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of novel semicarbazide and carbonylhydrazide derivs. as potent modulators of potassium channels useful in treatment and prevention of diseases)

- RN 1040405-77-3 CAPLUS
- CN Hydrazinecarboxamide, N-[3,5-bis(trifluoromethyl)phenyl]-2-[3-(2H-tetrazol-5-y1)-4'-(trifluoromethyl)[1,1'-biphenyl]-4-yl]- (CA INDEX NAME)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 12 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2008:806303 CAPLUS Full-text

DOCUMENT NUMBER: 149:128881

TITLE: Preparation of 1-benzoxazones and related compounds as

nonsteroidal progesterone receptor modulators

INVENTOR(S): Schwede, Wolfgang; Kirkland, Thomas Andrew; Schmidt,

Anja; Fuhrmann, Ulrike; Moeller, Carsten; Rotgeri,

Andrea; Wyrwa, Ralf

PATENT ASSIGNEE(S): Bayer Schering Pharma Aktiengesellschaft, Germany

SOURCE: PCT Int. Appl., 214pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PAT	CENT	NO.			KIN	D	DATE			APPL	ICAT	ION I	NO.		D	ATE	
						_									-		
WO	2008	0776	46		A1		2008	0703	,	WO 2	007-	EP11	486		2	0071	220
	W:	ΑE,	AG,	AL,	ΑM,	ΑT,	ΑU,	ΑZ,	BA,	BB,	BG,	BH,	BR,	BW,	BY,	BZ,	CA,
		CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,	FI,
		GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,
		KM,	KN,	KP,	KR,	ΚZ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,	ME,
		MG,	MK,	MN,	MW,	MX,	MY,	MZ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,
		PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ТJ,	TM,	TN,
		TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	zw				

RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM

DE 102007049630 A1 20091029 DE 2007-102007049630 20071011

PRIORITY APPLN. INFO.: DE 2006-102006061912A 20061221

DE 2007-102007049630A 20071011

OTHER SOURCE(S): MARPAT 149:128881 GI

AB Title compds. I [Z = (CH2)q; q = 0, 1; A = alkyl, alkenyl, alkynyl, etc.; X = 0, H2; Y = (CH2)m, CH=CH, etc.; m =0, 1; R1 = aromatic, heteroarom. with provisos; R2 = mono or bicyclic aryl with provisos; R3 = benzoxazones with provisos; X = 0, H2; Y = (CH2)m, CH=CH, etc.; m = 0, 1] and their pharmaceutically acceptable salts and formulations were prepared For example, condensation of ketone II and Ph magnesium bromide afforded claimed 1-benzoxazone III. In progesterone receptor assays, 13-examples of compds. I exhibited IC50 values ranging from 3-40 nM.

III

1036306-76-9P 1036306-78-1P 1036306-80-5P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of benzoxazones and related compds. as nonsteroidal progesterone receptor modulators)  $\,$ 

RN 1036306-76-9 CAPLUS

ΙT

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3-  $(trifluoromethyl)phenyl]-\alpha-hydroxy-\alpha-phenyl- (CA INDEX NAME)$ 

RN 1036306-78-1 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -phenyl-, (+)- (CA INDEX NAME)

Rotation (+).

RN 1036306-80-5 CAPLUS

CN [1,1'-Biphenyl]-2-propanamide, 4'-acetyl-N-[4-cyano-3- (trifluoromethyl)phenyl]- $\alpha$ -hydroxy- $\alpha$ -phenyl-, (-)- (CA INDEX NAME)

Rotation (-).

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

ACCESSION NUMBER: 2008:462774 CAPLUS Full-text

DOCUMENT NUMBER: 149:454

TITLE: Synthesis and characterization of

1,3-dihydro-benzo[b][1,4]diazepin-2-one derivatives:

Part 3. New potent non-competitive metabotropic

glutamate receptor 2/3 antagonists

AUTHOR(S): Woltering, Thomas J.; Wichmann, Juergen; Goetschi,

Erwin; Adam, Geo; Kew, James N. C.; Knoflach,

Frederic; Ballard, Theresa M.; Huwyler, Joerg; Mutel,

Vincent; Gatti, Silvia

CORPORATE SOURCE: Pharma Discovery Chemistry CNS, F. Hoffmann-La Roche

Ltd., Basel, CH-4070, Switz.

SOURCE: Bioorganic & Medicinal Chemistry Letters (2008),

18(8), 2725-2729

CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier Ltd.

DOCUMENT TYPE: Journal LANGUAGE: English

OTHER SOURCE(S): CASREACT 149:454

As a series of 1,3-dihydro-benzo[b][1,4]diazepin-2-one derivs. was evaluated as non-competitive mGluR2/3 antagonists. Replacement of the (2-aryl)-ethynyl-moiety in 8-position with smaller less lipophilic substituents produced compds. inhibiting the binding of [3H]-LY354740 to rat mGluR2 with low nanomolar affinity and consistent functional effect at both mGluR2 and mGluR3. These compds. were able to reverse LY354740-mediated inhibition of field excitatory postsynaptic potentials in the rat dentate gyrus and in vivo activity could be demonstrated by reversal of the LY354740-induced

hypoactivity in mice after oral administration.

IT 473538-74-8P 473538-75-9P 473538-86-2P 473538-87-3P 473538-89-5P 473538-90-8P 473549-45-0P 473549-62-1P 473550-12-8P 473550-13-9P 473550-16-2P 1029958-22-2P

1029958-28-8P 1029958-39-1P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of 1,3-dihydro-benzo [b][1,4]diazepin-2-one derivs. as metabotropic receptor 2/3 antagonists)

RN 473538-74-8 CAPLUS

CN Carbamic acid, N-[2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 473538-75-9 CAPLUS

CN Carbamic acid, N-[2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-5-methoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473538-86-2 CAPLUS

CN Carbamic acid, N-[5-chloro-2-[[3-[3-(1H-imidazol-1-yl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473538-87-3 CAPLUS

CN Carbamic acid, N-[5-chloro-2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473538-89-5 CAPLUS

CN Carbamic acid, N-[2-[[3-[3-(1H-imidazol-1-yl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473538-90-8 CAPLUS

CN Carbamic acid, N-[2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 473549-45-0 CAPLUS

CN Carbamic acid, N-[5-(dimethylamino)-2-[[3-[3-(1H-imidazol-1-yl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473549-62-1 CAPLUS

CN Carbamic acid, N-[5-(dimethylamino)-2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 473550-12-8 CAPLUS

CN Carbamic acid, N-[2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-5-[methyl(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\$$

RN 473550-13-9 CAPLUS

CN Carbamic acid, N-[2-[[3-[3-(1H-imidazol-1-yl)phenyl]-1,3-dioxopropyl]amino]-5-[(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473550-16-2 CAPLUS

CN Carbamic acid, N-[2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-5-[(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 1029958-22-2 CAPLUS

CN Carbamic acid, N-[2-[[3-[3-(1H-imidazol-1-yl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 1029958-28-8 CAPLUS

CN Carbamic acid, N-[5-ethyl-2-[[3-[3-(1H-imidazol-1-yl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 1029958-39-1 CAPLUS

CN Carbamic acid, N-[2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & &$$

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD

(2 CITINGS)

REFERENCE COUNT: 24 THERE ARE 24 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 14 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2008:71249 CAPLUS <u>Full-text</u>

DOCUMENT NUMBER: 148:168699

TITLE: Substituted isoxalines, pharmaceutical compositions

containing same, methods of preparing same, and uses

of same

INVENTOR(S): Brittain, Dominic; Bader, Benjamin; Huwe, Christoph;

Lienau, Philip; Siemeister, Gerhard; Tatamiya,

Takayuki; Weinmann, Hilmar

PATENT ASSIGNEE(S): Bayer Schering Pharma A.-G., Germany

SOURCE: PCT Int. Appl., 150pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA:	CENT :	NO.			KIN		DATE			APPL	ICAT	ION	NO.		D.	ATE	
WO.	2008	0065	 61				2008	0117		 WO 2	007-	 EP61	 47		2	0070	706
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		CH,	CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DO,	DZ,	EC,	EE,	EG,	ES,	FΙ,
		GB,	GD,	GE,	GH,	GM,	GT,	HN,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,
		KM,	KN,	KP,	KR,	KΖ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LY,	MA,	MD,	ME,
		MG,	MK,	MN,	MW,	MΧ,	MY,	MΖ,	NA,	NG,	NI,	NO,	NZ,	OM,	PG,	PH,	PL,
		PT,	RO,	RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ΤJ,	TM,	TN,
		TR,	TT,	TZ,	UA,	UG,	US,	UΖ,	VC,	VN,	ZA,	ZM,	ZW				
	RW:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FΙ,	FR,	GB,	GR,	HU,	ΙE,
		IS,	IT,	LT,	LU,	LV,	MC,	MT,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,
		ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG,	B₩,
	GH, G BY, K			KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AΖ,
	BY, K			KΖ,	MD,	RU,	ТJ,	TM									
EP	1878			A1		2008	0116		EP 2	006-	9012	2		2	0060	712	
	EP 1878730 R: AT, B			BG,	CH,	CY,	CZ,	DE,	DK,	ΕE,	ES,	FΙ,	FR,	GB,	GR,	HU,	ΙE,
		IS,	IT,	LI,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	AL,
		BA,	HR,	MK,	YU												
CA	2657	336			A1		2008	0117		CA 2	007-	2657.	336		2	0070	706
EΡ	2046	764			A1		2009	0415		EP 2	007-	7651	67		2	0070	706
	R:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,
		IS,	IT,	LI,	LT,	LU,	LV,	MC,	MT,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,
		AL,	BA,	HR,	MK,	RS											
JΡ	2009	5427	52		Τ		2009	1203		JP 2	009-	5187	87		2	0070	706
US	US 20080027059 RITY APPLN. INF				A1		2008	0131		US 2	007-	7762	32		2	0070	711
ORIT	Y APP	INFO	.:						<b>E</b> P 2	006-	9012	2		A 2	0060	712	
											006-					0060	717
										WO 2	007-	EP61	47	1	₩ 2	0070	706
TONIMI	ם ידותי	T C T O	DV E	AD II	C DA'	דואיםיו	7,777	TT AD	гс т	M TC	TIC D	TCDT	7 V E	ADMA.	T		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): CASREACT 148:168699; MARPAT 148:168699 GI

$$[R^4]_{m}A[Z]_{p} \xrightarrow{R^2} I$$

$$[R^4]_{m}A[Z]_{p} \xrightarrow{R^3} CF_3$$

Title compds. I [R1 = H, sulfenyl, sulfinyl, alkyl, etc.; R2 and R3 = H, halo, CN, OH, etc.; R4 = H, halo, mercapto, amino, etc.; A = aryl or heteroaryl; X = H, F, Cl, Br, and I wherein at least one X = F and wherein [CX2]nCX3 group is optionally substituted; Z = (un)substituted alkenyl], and their pharmaceutically acceptable salts, are prepared and disclosed as HDAC inhibitors. Thus, e.g., II was prepared by reductive amination of benzaldehyde with 3-(3-aminomethylphenyl)-5-trifluoromethyl-4,5-dihydroisoxazol-5-ol (preparation given). In HDAC6 assays, I demonstrated IC50 values of less than 100 mM.

IT 1002297-27-9P 1002297-30-4P 1002297-36-0P

1002298-21-6P 1002298-25-0P 1002298-32-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of isoxazlines as HDAC inhibitors)

RN 1002297-27-9 CAPLUS

CN Urea, N-[[4-[4,5-dihydro-5-hydroxy-5-(trifluoromethy1)-3-isoxazoly1]pheny1]-N'-[3-(trifluoromethy1)pheny1]- (CA INDEX NAME)

RN 1002297-30-4 CAPLUS

CN Urea, N-[[4-[4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl]phenyl]-N'-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 1002297-36-0 CAPLUS

CN Urea, N-[[4-[4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl]phenyl]-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 1002298-21-6 CAPLUS

CN Urea, N-[[3-[4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl]phenyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 1002298-25-0 CAPLUS

CN Urea, N-[[3-[4,5-dihydro-5-hydroxy-5-(trifluoromethy1)-3-isoxazoly1]pheny1]-N'-[2-(trifluoromethy1)pheny1]- (CA INDEX NAME)

RN 1002298-32-9 CAPLUS

CN Urea, N-[[3-[4,5-dihydro-5-hydroxy-5-(trifluoromethyl)-3-isoxazolyl]phenyl]methyl]-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

REFERENCE COUNT: 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 15 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2007:1364457 CAPLUS <u>Full-text</u>

DOCUMENT NUMBER: 148:11215

TITLE: Preparation of pyrazole acetamide derivatives as

modulators of the 5-HT2A serotonin receptor useful for

the treatment of disorders related thereto

INVENTOR(S): Teegarden, Bradley; Feichtinger, Konrad;

Strah-Pleynet, Sonja; Ulmann, Brett; Xiong, Yifeng

PATENT ASSIGNEE(S): Arena Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 207pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007136875	A2	20071129	WO 2007-US12230	20070517

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WO 2007136875
                         А3
                                20080410
         W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA,
             CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB,
             GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM,
             KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG,
            MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT,
             RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR,
             TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW
         RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR, BF,
             BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW,
             GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
             BY, KG, KZ, MD, RU, TJ, TM, AP, EA, EP, OA
                                20090429
                                           EP 2007-809149
     EP 2051978
                         A2
                                                                   20070517
        R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
             IS, IT, LI, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR,
             AL, BA, HR, MK, RS
                                20091029
                                            JP 2009-511117
     JP 2009537556
                         Т
                                                                   20070517
PRIORITY APPLN. INFO.:
                                            US 2006-801800P
                                                                Ρ
                                                                   20060518
                                            WO 2007-US12230
                                                                   20070517
OTHER SOURCE(S):
                   CASREACT 148:11215; MARPAT 148:11215
GΙ
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\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

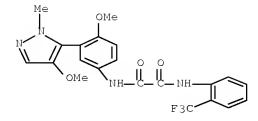
The present invention pertains to certain compds. of Formula I (wherein V is O AΒ or NH;W is C1-4 alkylene optionally substituted; Z is substituted amino, alkoxy, etc.; R1 is H, C1-6 alkyl, etc.; R2 is H, C1-6 acyl, etc.; R3 is H, C2-6 alkenyl, C1-6 alkoxy, etc.; R4 is H, amino, C1-6-alkylamino, etc.; R5, R6 and R7 are H, C1-6 acyl, etc.; R8 and R9 are H, C1-3-alkyl, etc.) pharmaceutical compns. thereof that modulate the activity of the  $5-\mathrm{HT2A}$ serotonin receptor. Compds. and pharmaceutical compns. thereof are directed to methods useful in the treatment of platelet aggregation, coronary artery disease, myocardial infarction, transient ischemic attack, angina, stroke, atrial fibrillation, blood clot formation, asthma or symptoms thereof, agitation or a symptom thereof, behavioral disorders, drug induced psychosis, excitative psychosis, Gilles de la Tourette's syndrome, manic disorder, organic or NOS psychosis, psychotic disorder, psychosis, acute schizophrenia, chronic schizophrenia, NOS schizophrenia and related disorders, and sleep disorders, sleep disorders, diabetic-related disorders, progressive multifocal leukoencephalopathy and the like. The present invention also relates to the methods for the treatment of 5-HT2A serotonin receptor associated disorders in combination with other pharmaceutical agents administered sep. or together. Preparation of I is exemplified. For example, II was prepared by reacting 3-(2-methyl-2H-pyrazol-3-yl)-4-(2-morpholin-4-ylethoxy) phenylamine with bromoacetylbromide and 4-chloro-2-fluoroaniline. In a [1251]DOI radioligand binding assay for human 5-HT2A receptors II had an IC50 of 0.19 nM. IT958258-95-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of pyrazole acetamide derivs. as modulators of  $5-\mathrm{HT}2\mathrm{A}$  serotonin receptor useful for treatment of disorders related thereto)

RN 958258-95-2 CAPLUS

CN Ethanediamide, N1-[4-methoxy-3-(4-methoxy-1-methyl-1H-pyrazol-5-yl)phenyl]- N2-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)



L4 ANSWER 16 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2007:485607 CAPLUS Full-text

DOCUMENT NUMBER: 146:482079

TITLE: Preparation of 2-aminodihydrothiazine derivatives as

 $\beta$ -secretase inhibitors

INVENTOR(S): Kobayashi, Naotake; Ueda, Kazuo; Itoh, Naohiro;

Suzuki, Shinji; Sakaguchi, Gaku; Kato, Akira; Yukimasa, Akira; Hori, Akihiro; Koriyama, Yuji; Haraguchi, Hidekazu; Yasui, Ken; Kanda, Yasuhiko

PATENT ASSIGNEE(S): Japan

SOURCE: PCT Int. Appl., 330pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PAT	FENT	ΝΟ.			KIN	D -	DATE			APPL	ICAT	ION 1	NO.		D	ATE	
WO	2007	0495	32		A1		2007	0503	1	WO 2	006-	JP32	1015		2	0061	023
	W:	ΑE,	AG,	AL,	AM,	ΑT,	ΑU,	AZ,	BA,	BB,	BG,	BR,	BW,	BY,	BZ,	CA,	CH,
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
		GE,	GH,	GM,	GT,	HN,	HR,	ΗU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	ΚM,	KN,
		KP,	KR,	KΖ,	LA,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,
		MN,	MW,	MX,	MY,	MΖ,	NΑ,	NG,	ΝI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,
		RS,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SM,	SV,	SY,	ΤJ,	TM,	TN,	TR,	TT,
		TZ,	UA,	UG,	US,	UZ,	VC,	VN,	ZA,	ZM,	ZW						
	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	IE,
		IS,	ΙT,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	ΒJ,
		CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	ΤG,	BW,	GH,
		GM,	ΚE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	ΑZ,	BY,
		KG,	KΖ,	MD,	RU,	ТJ,	TM										
ΑU	2006	3073	14		A1		2007	0503	1	AU 2	006-	3073	14		2	0061	023
CA	2628	074			A1		2007	0503	(	CA 2	006-	2628	074		2	0061	023
EΡ	1942	105			A1		2008	0709		EP 2	006-	8220	35		2	0061	023
	R:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	IE,
		IS,	ΙΤ,	LI,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR	
US	2009	0082	560		A1		2009	0326	1	US 2	-800	8940	9		2	0800	418
	2008		-		A		2008	0529	]	MX 2	008-	5196				0800	
IN	2008	CN02	017		А		2009			IN 2						0800	
KR	2008	0593	30		А		2008	0626		KR 2	-800	7124	36		2	0800	523
CN	1013	4635	7		А		2009	0114		CN 2						0800	
ORIT	Y APP	LN.	INFO	.:					•	JP 2	005-	3096	42	Ž	A 2	0051	025

JP 2006-76636 A 20060320 WO 2006-JP21015 W 20061023 WO 2006-JP321015 W 20061023

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 146:482079
GI

#### \* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

The title compds. [I; ring A = (un)substituted carbocyclyl or heterocyclyl; E AΒ = a single bond, Alk1, O-Alk1, S-Alk1, N(R0)-Alk1; Alk1 = lower alkylene or lower alkenylene; R0 = H, lower alkyl, acyl; X = S, O, NR1; R1 = H, lower alkyl; R2a, R2b = H, HO, (un) substituted lower alkyl, lower alkenyl, NH2, amidino, acyl, CONH2, carbamoylcarbonyl, lower alkylsulfonyl, arylsulfonyl, carbocyclyl, or heterocyclyl; R3a, R3b, R4a, R4b = H, halo, CO2H, (un) substituted lower alkyl, lower alkenyl, acyl, lower alkoxycarbonyl, NH2, CONH2, carbocyclyl, or heterocyclyl; n m = an integer of 0-3; n+m = 1-3; R5 = H, (un) substituted lower alkyl, lower alkenyl, lower alkynyl, carbocyclyl, or heterocyclyl; when E = a single bond, the ring A and R5 together form a bicyclic fused ring] pharmaceutically acceptable salts thereof or solvates of either are prepared A  $\beta$ -site APP-cleaving enzyme 1 (BACE 1,  $\beta$ -secretase) inhibitor containing, as an active ingredient, any one of a compound represented by the formula I is claimed. These compds. inhibit the production of amyloid  $\beta$ -protein and are useful for the treatment of diseases induced by production, secretion, or deposition of amyloid  $\beta$ -protein, e.g. Alzheimer's disease. Thus, amidation of 4-methyl-4-(3-amino-5-bromophenyl)-2-(tertbutoxycarbonylamino)-5,6- dihydro-4H-1,3-thiazine with 4-bromobenzoyl chloride in the presence of Et3N in THF for 40 min under ice-cooling followed by treatment with 4 M HCl/1, 4-dioxane for 24 h gave benzamide (II). The compound II and benzamide (III) showed IC50 of 0.140 and 0.027  $\mu g/mL$  against recombinant human  $\beta$ -secretase.

IT 935986-15-5P 935996-49-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of 2-aminodihydrothiazine derivs. as  $\beta$ -secretase inhibitors)

RN 935986-15-5 CAPLUS

CN Acetamide, 2-[3-(2-amino-5,6-dihydro-4-methyl-4H-1,3-thiazin-4-yl)phenoxy]-N-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 935996-49-9 CAPLUS

CN Acetamide, 2-[3-(2-amino-5,6-dihydro-4-methyl-4H-1,3-thiazin-4-yl)phenoxy]-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS

RECORD (23 CITINGS)

REFERENCE COUNT: 45 THERE ARE 45 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

 ${\tt L4}$   $\,$  ANSWER 17 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:1312481 CAPLUS <u>Full-text</u>

DOCUMENT NUMBER: 146:68200

TITLE: Use of oxyacetamide compounds for promoting, inducing

and/or stimulating the pigmentation of keratin materials and/or for limiting their depigmentation

and/or bleaching

INVENTOR(S): Rozot, Roger; Breton, Philippe; Neuwels, Michel;

Boulle, Christophe

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: PCT Int. Appl., 86pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATE	NT N	10.			KIN	) :	DATE			APPL	ICAT	ION 1	NO.		D	ATE	
WO 2	20061	13128	32		A1		2006	1214	1	WO 2	006-1	EP53:	27		2	0060	512
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		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JΡ,	ΚE,	KG,	KM,	KN,	KP,	KR,
		KΖ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,	MW,	MX,
		MZ,	NA,	NG,	NI,	NO,	NΖ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,
		SG,	SK,	SL,	SM,	SY,	ТJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,
		VN,	YU,	ZA,	ZM,	ZW											
	RW:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FΙ,	FR,	GB,	GR,	HU,	IE,
		IS,	IT,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	ВJ,
		CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	ΝE,	SN,	TD,	ΤG,	BW,	GH,
		GM,	ΚE,	LS,	MW,	MZ,	NΑ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	ΑZ,	BY,
		KG,	KΖ,	MD,	RU,	ТJ,	TM										
FR 2	28868	344			A1		2006	1215		FR 2	005-	5155	4		2	0050	609
FR 2	28868	344			В1		2007	0914									
EP 1	.8880	17			A1		2008	0220		EP 2	006-	7619	71		2	0060	512
	R:	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,
		•								PL,							
JP 2	20085	54241	13		T		2008	1127		JP 2	008-	5151	14		2	0060	512
US 2	20080	1663	310		A1		2008	0710	1	US 2	007-	180			2	0071	210
PRIORITY	APPI	_N.	INFO	.:						FR 2	005-	5155	4	1	A 2	0050	509
									1	US 2	005-	6895	37P	]	2	0050	513
									1	WO 2	006-1	EP53:	27	1	w 2	0060	512

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): CASREACT 146:68200; MARPAT 146:68200

AB The present invention relates to the cosmetic use of at least one 2oxyacetamide compound below, or a salt and/or solvate thereof, as an agent for promoting and/or inducing and/or stimulating the pigmentation of keratin materials and/or as an agent for preventing and/or limiting the depigmentation and/or bleaching of keratin materials, and more particularly of human keratin fibers such as the hair, beard hair, moustache hair, the eyelashes and the eyebrows. The present invention more particularly relates to the cosmetic use of at least one 2-oxyacetamide compound or a salt and/or solvate thereof, as an agent for preventing and/or limiting the canities of the said human keratin fibers. Thus, [2-(3-chlorophenoxy)-N-furan-2-y1]methylacetamide (Compound 23) was prepared by reacting a chloroacetamide derivative (prepared from furfurylamine and chloroacetyl chloride) with 3-chlorophenol in a yield of 73%. At concentration of 50  $\mu\text{M}$ , the Compound 23 demonstrated the inhibitory properties on 15-hydroxyprostaglandin dehydrogenase activity (inhibition of 80%). A hair lotion was prepared containing Compound 23 1.0 g, propylene glycol 30.0 g, Et alc. 40.0 g, and water to 100.0 g. The lotion makes it possible to prevent and/or reduce the canities of the hair.

IT 302551-11-7P 867257-98-5P 867258-00-2P

RL: COS (Cosmetic use); PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (oxyacetamide compds. for promoting, inducing and/or stimulating pigmentation of keratin fibers and for limiting their depigmentation and/or bleaching)

RN 302551-11-7 CAPLUS

CN Acetamide, 2-([1,1'-biphenyl]-4-yloxy)-N-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 867257-98-5 CAPLUS

CN Acetamide, 2-[4-(1H-pyrrol-1-yl)phenoxy]-N-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN

867258-00-2 CAPLUS

CN Acetamide, 2-[4-(1H-imidazol-1-yl)phenoxy]-N-[2-(trifluoromethyl)phenyl]-

REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 18 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2006:1061897 CAPLUS  $\underline{\text{Full-text}}$ 

DOCUMENT NUMBER: 145:419188

TITLE: Preparation of sulfoximine-pyrimidine macrocycles for

treatment of diseases of dysregulated vascular growth.

INVENTOR(S):
Luecking, Ulrich

PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Germany

SOURCE: Eur. Pat. Appl., 51pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.			KIN	D	DATE			APPL	ICAT	ION I	. O <i>v</i>		D	ATE	
EP 1710246			A1	_	2006:	1011		EP 2	005-	9009	- <i></i> 8		2	0050	408
R: AT	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,
ΙE	SI,	LT,	LV,	FΙ,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	HU,	PL,	SK,
BA	HR,	IS,	YU												
US 2006025	2782		A1		2006	1109		US 2	006-	3996	19		20	0060	407
CA 2604353			A1		2006	1019	1	CA 2	006-	2604	353		21	0060	410
WO 2006108	595		A2		2006	1019	,	WO 2	006-	EP35	35		20	0060	410
WO 2006108	595		A3		2007	0222									
W: AE	, AG,	AL,	AM,	ΑT,	ΑU,	ΑZ,	BA,	BB,	BG,	BR,	BW,	BY,	ΒZ,	CA,	CH,
CN	, CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
GE	GH,	GM,	HR,	ΗU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KM,	KN,	KP,	KR,
KZ	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,	MW,	MX,
MZ	, NA,	NG,	NΙ,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,
SG	SK,	SL,	SM,	SY,	ΤJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,
VN	YU,	ZA,	ZM,	ZW											
RW: AT	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,
IS	IT,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	ВJ,
CF	CG,	CI,	CM,	GΑ,	GN,	GQ,	G₩,	ML,	MR,	ΝE,	SN,	TD,	ΤG,	BW,	GH,
GM	KE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,

KG, KZ, MD, RU, TJ, TM

EP 1879900 A2 20080123 EP 2006-742601 20060410 R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR JP 2008546636 Τ 20081225 JP 2008-504710 20060410 PRIORITY APPLN. INFO.: EP 2005-90098 20050408 US 2005-670640P P 20050413 WO 2006-EP3535 W 20060410

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): CASREACT 145:419188; MARPAT 145:419188 GI

Title compds. [I; A = phenylene, heteroarylene; X = (substituted) C2-6 alkylene; Y = NR4, O, S; R1, R2 = H, OH, halo, NO2, cyano, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, phenyl(alkyl), heteroaryl(alkyl), etc.; R3 = halo, NO2, cyano, alkylthio, amino, (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, heterocycloalkyl, phenyl(alkyl), heteroaryl(alkyl), PhO, heteroaryloxy, etc.; R4 = H, alkyl], were prepared Thus, S-(3-aminophenyl)-S-[4-[(5-iodo-2-chloropyrimidin-4-yl)amino]butyl]sulfoximide (preparation given) in MeCN/H2O was added over 3 h to MeCN/H2O/4M HCl at 50° to give after 24 h 50% I [R1, R2 = H; R3 = iodo; A = 1,3-phenylene; X = (CH2)4; Y = NH], which was coupled with N-phenyl-N'-[4-(4,4,5,5-tetramethyl-1,3,2-dixabaorolan-2-yl)phenyl]urea to give 13% I [R1, R2 = H; R3 = PhNHCONH; A = 1,3-phenylene; X = (CH2)4; Y = NH]. The latter inhibited Tie2 with IC50  $\leq$ 1  $\mu$ M.

IT 1175150-33-0

RL: PRPH (Prophetic)

(Preparation of sulfoximine-pyrimidine macrocycles for treatment of diseases of dysregulated vascular growth.)

RN 1175150-33-0 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD

(5 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 19 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2006:884558 CAPLUS Full-text

145:293054 DOCUMENT NUMBER:

Preparation of imidazo[1,2-a]pyridines as VEGFR-2 TITLE:

inhibitors for treating neoplasm

Barda, David Anthony; Burkholder, Timothy Paul; INVENTOR(S):

Clayton, Joshua Ryan; Hao, Yan; Heath, Perry Clark; Henry, James Robert; Knobeloch, John Monte; Mendel, David; Mclean, Johnathan Alexander; Remick, David Michael; Rempala, Mark Edward; Wang, Zhao-Qing; Yip,

Yvonne Yee Mai; Zhong, Boyu

PATENT ASSIGNEE(S): Eli Lilly and Company, USA

PCT Int. Appl., 153pp. SOURCE:

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION: \_\_\_\_\_

PAT	CENT :	NO.			KIN	D	DATE				LICAT				D	ATE	
WO	2006	0916	71		A1	_	2006	0831	,		2006-				2	0060	223
	W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	AZ,	BA,	ВВ	, BG,	BR,	BW,	BY,	ΒZ,	CA,	CH,
		CN.	co,	CR.	CU,	CZ,	DE,	DK.	DM.	DΖ	, EC,	EE,	EG.	ES,	FI.	GB,	GD,
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS	, JP,	KE,	KG,	KM,	KN,	KP,	KR,
											, MA,						
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			•	•	ZM,	•	,	,	,		,,	,	,	,	,	,	
	RW:	•	•	,	•		CZ,	DE,	DK,	EE	, ES,	FI,	FR,	GB,	GR,	HU,	ΙE,
											, RO,						
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		GM,	KE,	LS,	MW,	MΖ,	NA,	SD,	SL,	SZ	, TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,
					RU,			ĺ	,		,	,	·	,	·	,	,
AU	2006	2167	10	·	A1	,	2006	0831		AU	2006-	2167	10		2	0060	223
CA	2599	124			A1		2006	0831	1	CA	2006-	2599	124		2	0060	223
EP	1904	494			A1		2008	0402		EΡ	2006-	7357	94		2	0060	223
	EP 1904494 R: AT, BE,				CH,	CY,	CZ,	DE,	DK,	EE	, ES,	FΙ,	FR,	GB,	GR,	HU,	ΙE,
		IS,	IT,	LI,	LT,	LU,	LV,	MC,	NL,	PL	, PT,	RO,	SE,	SI,	SK,	TR,	AL,
		BA,	HR,	MK,	YU												
JP	2008	5315	74		T		2008	0814		JΡ	2007-	5571.	26		2	0060	223
IN	2007	KN02	929		Α		2007	0914		IN	2007-	KN29.	29		2	0070	810
KR	2007	0990	29		A		2007	1008		KR	2007-	7193	38		2	0070	823
KR	9049	38			В1		2009	0629									
MX	2007	0103	26		Α		2007	1016	]	MΧ	2007-	1032	6		2	0070	823
$Z\mathbf{A}$	MX 2007010326 ZA 2007007136				A		2008	1126		ZA	2007-	7136			2	0070	823
CN	1011		Α		2008	0220	1	CN	2006-	8000	6004		2	0070	824		
NO	NO 2007004666 US 20090227622				Α		2007	1109		NO	2007-	4666			2	0070	913
US	2009	0227	622		A1		2009	0910		US	2008-	8164	16		2	0080	530
US	7666	<b>8</b> 79			В2		2010	0223									
ORIT	APP	LN.	INFO	.:						US	2005-	6559	81P		P 2	0050	224
									,	WO	2006-	US62	83		W 2	0060	223

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): CASREACT 145:293054; MARPAT 145:293054

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

The invention is related to imidazopyridines I [R1 = (un)substituted 2-pyridonyl, Ph, thiophenl, pyrazolyl, etc.; R2, R3 = H, alkyl optionally substituted with OH; R4 = (un)substituted thiazolyl, pyridinyl, Ph; R5 = CONHR6, OC(:O)NHR6, NHCOCH2R6, NHCONHR6, C(:S)NHR6; ; X = (CH2)n; n = 0-4 for R5 = OC(:O)NHR6, NHCOCH2R6, NHCONHR6; n = 1-4 for R5 = CONHR6, C(:S)NHR6; R6 = (un)substituted tetrahydrobenzothiazolyl, Ph, pyridinyl, isoxazolyl, etc.], and their pharmaceutically acceptable salts, that are inhibitors of VEGFR-2 and methods of using them. Thus, reacting [4-[7-(4-methylsulfonylphenyl)imidazo[1,2-a]pyridin-3-yl]benzyl]amine (preparation given) with 3-trifluoromethylphenyl isocyanate gave imidazopyridine II in 66% yield. III demonstrated in vitro inhibition of against cell-based KDR autophosphorylation (IC50 = 42 nM). III displayed antitumor activity in PC-3 prostate tumor xenografts. I are useful as angiogenesis inhibitors and antitumor agents.

IT 908265-53-2P, 1-[4-[7-[6-(Morpholin-4-yl)pyridin-3yl]imidazo[1,2-a]pyridin-3-yl]benzyl]-3-(3-trifluoromethylphenyl)urea
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic
preparation); THU (Therapeutic use); BIOL (Biological study); PREP
(Preparation); RACT (Reactant or reagent); USES (Uses)

(drug candidate; preparation of imidazo[1,2-a]pyridines as VEGFR-2 inhibitors for treating neoplasm)

RN 908265-53-2 CAPLUS

CN Urea, N-[[4-[7-[6-(4-morpholinyl)-3-pyridinyl]imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

908263-98-9P, 1-[4-[7-(2-Methyl-2H-[1,2,4]triazol-3-ΙT yl)imidazo[1,2-a]pyridin-3-yl]benzyl]-3-(3-trifluoromethylphenyl)urea 908264-21-1P, 1-[4-[7-(4-Methylsulfonylphenyl)imidazo[1,2-]]a]pyridin-3-yl]benzyl]-3-(3-trifluoromethylphenyl)urea 908264-22-2P, 1-[4-[7-(Thien-3-yl)imidazo[1,2-a]pyridin-3yl]benzyl]-3-(3-trifluoromethylphenyl)urea 908264-23-39, 1-(4-Chloro-3-trifluoromethylphenyl)-3-[4-[7-(thien-3-yl)imidazo[1,2-yl)]a]pyridin-3-yl]benzyl]urea 908264-27-7P, 1-[4-[7-(4-Methylsulfonylphenyl)imidazo[1,2-a]pyridin-3-yl]benzyl]-3-(4trifluoromethylphenyl)urea 908264-34-6P, 1-[4-[7-(4-Methylsulfonylphenyl)imidazo[1,2-a]pyridin-3-yl]benzyl]-3-(2-a)pyridin-3-a)pyridin-3-yl]benzyl]-3-(2-a)pyridin-3-a)pyridin-3-a908264-45-9P, trifluoromethylphenyl)urea 1-[4-[7-(Pyridin-4-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-a)trifluoromethylphenyl)urea 908264-46-0P, 1-[4-[7-(Pyridin-4-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(2-a)trifluoromethylphenyl)urea 908264-47-1P, 1-[3-[7-(Pyridin-4-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(4-a)trifluoromethylphenyl)urea 908264-51-7P, 1-[3-[7-(Pyridin-4-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(2-a)

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trifluoromethylphenyl)urea
                                                        908264-59-5P,
1-[3-[7-(Pyridin-4-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-1)
trifluoromethylphenyl)urea
                                                        908264-67-5P,
1-[4-[7-(Thiazol-2-yl)imidazo[1,2-a]pyridin-3-yl]benzyl]-3-(3-a)
trifluoromethylphenyl)urea 908264-68-6P,
1-[4-[7-(Pyridin-3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-a)
trifluoromethylphenyl)urea
                                                        908264-69-7P,
1-[4-[7-(Pyridin-2-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-y1]benzy1]-3-(3-a)pyridin-3-a)pyridin-3-a
trifluoromethylphenyl)urea
                                                        908264-70-0P,
1-[4-[7-[2-[(Diethylamino)methyl]pyridin-4-yl]imidazo[1,2-a]pyridin-3-
yl]benzyl]-3-(3-trifluoromethylphenyl)urea
                                                                                     908264-72-2P,
1-[4-[7-[5-[(Diethylamino)methyl]pyridin-2-yl]imidazo[1,2-a]pyridin-3-
yl]benzyl]-3-(3-trifluoromethylphenyl)urea
                                                                                     908264-73-3P,
1-(2-Fluoro-5-trifluoromethylphenyl)-3-[4-[7-(pyridin-4-yl)imidazo[1,2-
a]pyridin-3-yl]benzyl]urea
                                                        908264-74-4P,
1-[4-[7-(1H-Pyrazol-4-yl)imidazo[1,2-a]pyridin-3-yl]benzyl]-3-(3-
trifluoromethylphenyl)urea
                                                        908265-17-8P,
1-[4-[7-(6-Methoxypyridin-3-y1)imidazo[1,2-a]pyridin-3-y1]benzy1]-3-(3-a)
trifluoromethylphenyl)urea 908265-18-9P,
1-[4-[7-[4-[(Dimethylamino)methyl]phenyl]imidazo[1,2-a]pyridin-3-
yl]benzyl]-3-(3-trifluoromethylphenyl)urea
                                                                                     908265-50-9P,
1-[4-[7-[6-(4-Methylpiperazin-1-y1)pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]imidazo[1,2-a]pyridin-3-y1]
yl]benzyl]-3-(3-trifluoromethylphenyl)urea
                                                                                        908265-63-4P,
1-[4-[7-(6-Methylaminopyridin-3-yl)imidazo[1,2-a]pyridin-3-yl]benzyl]-3-(3-a)
                                                      908265-66-7P,
trifluoromethylphenyl)urea
1-[4-[7-(6-0xo-1,6-dihydropyridin-3-yl)imidazo[1,2-a]pyridin-3-yl]benzyl]-
3-(3-trifluoromethylphenyl)urea
                                                                  908265-68-9P,
(3-Trifluoromethylphenyl)carbamic acid
4-[7-(4-methylsulfonylphenyl)imidazo[1,2-a]pyridin-3-yl]benzyl ester
908266-19-3P, 3-[4-[7-(4-Methylsulfonylphenyl)imidazo[1,2-
a]pyridin-3-yl]phenyl]-N-(3-trifluoromethylphenyl)propionamide
908266-22-8P, 3-[4-[7-(4-Methylsulfonylphenyl)imidazo[1,2-[4-[7-(4-Methylsulfonylphenyl)imidazo[1,2-[4-[7-(4-Methylsulfonylphenyl])imidazo[1,2-[4-[7-(4-Methylsulfonylphenyl])imidazo[1,2-[4-[7-(4-Methylsulfonylphenyl])imidazo[1,2-[4-[7-(4-Methylsulfonylphenyl])imidazo[1,2-[4-[7-(4-Methylsulfonylphenyl])imidazo[1,4-[7-(4-Methylsulfonylphenyl])imidazo[1,4-[4-[7-(4-Methylsulfonylphenyl])imidazo[1,4-[4-[7-(4-Methylsulfonylphenyl])imidazo[1,4-[4-[7-(4-Methylsulfonylphenyl])imidazo[1,4-[4-[7-(4-Methylsulfonylphenyl])imidazo[1,4-[4-[7-(4-Methylsulfonylphenyl]]]]
a]pyridin-3-yl]phenyl]-N-(4-trifluoromethylphenyl)propionamide
908266-23-9P, 3-[3-[7-(4-Methylsulfonylphenyl)imidazo[1,2-
a]pyridin-3-yl]phenyl]-N-(3-trifluoromethylphenyl)propionamide
908267-31-2P, 1-[4-[7-[4-[(4-Methylpiperazin-1-
yl)carbonyl]phenyl]imidazo[1,2-a]pyridin-3-yl]benzyl]-3-(3-
trifluoromethylphenyl)urea
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
      (drug candidate; preparation of imidazo[1,2-a]pyridines as VEGFR-2
      inhibitors for treating neoplasm)
908263-98-9 CAPLUS
Urea, N-[[4-[7-(1-methyl-1H-1,2,4-triazol-5-yl)]imidazo[1,2-a]pyridin-3-
yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)
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$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{N} \end{array}$$

RN

CN

RN 908264-21-1 CAPLUS
CN Urea, N-[[4-[7-[4-(methylsulfonyl)phenyl]imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-22-2 CAPLUS

CN Urea, N-[[4-[7-(3-thienyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-23-3 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-[7-(3-thienyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]- (CA INDEX NAME)

RN 908264-27-7 CAPLUS

CN Urea, N-[[4-[7-[4-(methylsulfonyl)phenyl]imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-34-6 CAPLUS

CN Urea, N-[[4-[7-[4-(methylsulfonyl)phenyl]imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-45-9 CAPLUS

CN Urea, N-[[4-[7-(4-pyridinyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-46-0 CAPLUS

CN Urea, N-[[4-[7-(4-pyridinyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-47-1 CAPLUS

CN Urea, N-[[3-[7-(4-pyridinyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-51-7 CAPLUS

CN Urea, N-[[3-[7-(4-pyridinyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-59-5 CAPLUS

CN Urea, N-[[3-[7-(4-pyridinyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-67-5 CAPLUS

CN Urea, N-[[4-[7-(2-thiazolyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-68-6 CAPLUS

CN Urea, N-[[4-[7-(3-pyridinyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-69-7 CAPLUS

CN Urea, N-[[4-[7-(2-pyridinyl)imidazo[1,2-a]pyridin-3-yl]phenyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-70-0 CAPLUS

CN Urea, N-[[4-[7-[2-[(diethylamino)methyl]-4-pyridinyl]imidazo[1,2-a]pyridin-3-yl]phenyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-72-2 CAPLUS

CN Urea, N-[[4-[7-[5-[(diethylamino)methyl]-2-pyridinyl]imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908264-73-3 CAPLUS

CN Urea, N-[2-fluoro-5-(trifluoromethyl)phenyl]-N'-[[4-[7-(4-pyridinyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ &$$

RN 908264-74-4 CAPLUS

CN Urea, N-[[4-[7-(1H-pyrazol-4-yl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908265-17-8 CAPLUS

CN Urea, N-[[4-[7-(6-methoxy-3-pyridinyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908265-18-9 CAPLUS

CN Urea, N-[[4-[7-[4-[(dimethylamino)methyl]phenyl]imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908265-50-9 CAPLUS

CN Urea, N-[[4-[7-[6-(4-methyl-1-piperazinyl)-3-pyridinyl]imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908265-63-4 CAPLUS

CN Urea, N-[[4-[7-[6-(methylamino)-3-pyridinyl]imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908265-66-7 CAPLUS

CN Urea, N-[[4-[7-(1,6-dihydro-6-oxo-3-pyridinyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908265-68-9 CAPLUS

CN Carbamic acid, [3-(trifluoromethyl)phenyl]-, [4-[7-[4-(methylsulfonyl)phenyl]imidazo[1,2-a]pyridin-3-yl]phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 908266-19-3 CAPLUS

CN Benzenepropanamide, 4-[7-[4-(methylsulfonyl)phenyl]imidazo[1,2-a]pyridin-3-yl]-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908266-22-8 CAPLUS

CN Benzenepropanamide, 4-[7-[4-(methylsulfonyl)phenyl]imidazo[1,2-a]pyridin-3-yl]-N-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908266-23-9 CAPLUS

CN Benzenepropanamide, 3-[7-[4-(methylsulfonyl)phenyl]imidazo[1,2-a]pyridin-3-yl]-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908267-31-2 CAPLUS

CN Urea, N-[[4-[7-[4-[(4-methyl-1-piperazinyl)carbonyl]phenyl]imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

PAGE 1-A

Me

CH2-NH

CH2-NH

NH

PAGE 1-B

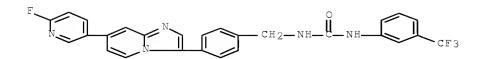
**CF**3

RN 908271-57-8 CAPLUS

CN Urea, N-[[4-(7-chloroimidazo[1,2-a]pyridin-3-yl)phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 908271-67-0 CAPLUS

CN Urea, N-[[4-[7-(6-fluoro-3-pyridinyl)imidazo[1,2-a]pyridin-3-yl]phenyl]methyl]-N'-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 20 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2006:634786 CAPLUS Full-text

DOCUMENT NUMBER: 145:103692
TITLE: Preparation of

4H-spiro[1,3]benzodioxine-2,4'-piperidine derivatives

and related compounds

INVENTOR(S): Barker, Emma; Jenmalm Jensen, Annika; Nordling, Erik;

Proud, Andrew; Slater, Martin; Weber, Mikael

PATENT ASSIGNEE(S): Biovitrum AB, Swed. SOURCE: PCT Int. Appl., 83 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	TENT		KIN	D	DATE		•		ICAT	DATE							
WO 2006067224					A2	_	20060629										
WO	2006	0672	24		A3		2006	1102									
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		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KM,	KN,	KP,	KR,
		KΖ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY,	MA,	MD,	MG,	MK,	MN,	MW,	MX,
		MZ,	NA,	NG,	ΝI,	NO,	NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,
		SG,	SK,	SL,	SM,	SY,	ТJ,	TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,
		VN,	YU,	ZA,	ZM,	ZW											
	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	FI,	FR,	GB,	GR,	HU,	ΙE,
		IS,	ΙΤ,	LT,	LU,	LV,	MC,	NL,	PL,	PT,	RO,	SE,	SI,	SK,	TR,	BF,	ВJ,
		CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	ΝE,	SN,	TD,	ΤG,	BW,	GH,
		GM,	ΚE,	LS,	MW,	MZ,	NA,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,
		KG,	KΖ,	MD,	RU,	ТJ,	TM										
US	2006	0217	375		A1		2006	0928		US 2	005-	3181	26		2	0051	222
RIT	Y APP	LN.	INFO	.:						SE 2	004-	3160			A 2	0041	223
										US 2	005-	6538	03P		P 2	0050	217

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): CASREACT 145:103692; MARPAT 145:103692 GI

The invention relates to compds. I [m, n are 0 or 1; A, Y are independently CH2, O, NH or alkylimino; R1 is Ph, naphthyl or aza analogs (with provisos)] for use in the prophylaxis or treatment of orexin-1 or orexin-2 receptor-related disorders such as obesity and related disorders such as diabetes type II, dyslipidemia and the metabolic syndrome, cardiovascular diseases such as atherosclerotic vascular disease, angina pectoris, myocardial infarction and stroke, drug addiction, and sleeping disorders. Thus, I (m, n = 1, A = NH, Y = CH2, R1 = 5-quinolinyl), prepared by condensation of 5-bromo-2-hydroxybenzyl alc. with N-carboethoxy-4-piperidone, followed by deprotection and arylation reaction, showed Ki = 349 nM for inhibition of the orexin-1 receptor.

IT 895524-99-9P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of spirobenzodioxinepiperidine derivs. and related compds. for inhibition of orexin receptor)

RN 895524-99-9 CAPLUS

CN Acetamide, 2-(3-spiro[4H-1,3-benzodioxin-2,4'-piperidin]-6-ylphenoxy)-N-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

IT 895525-93-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of spirobenzodioxinepiperidine derivs. and related compds. for inhibition of orexin receptor)

RN 895525-93-6 CAPLUS

CN Spiro[4H-1,3-benzodioxin-2,4'-piperidine]-1'-carboxylic acid, 6-[3-[2-oxo-2-[[2-(trifluoromethyl)phenyl]amino]ethoxy]phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD (5 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 21 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2006:631117 CAPLUS  $\underline{\text{Full-text}}$ 

DOCUMENT NUMBER: 145:103737

TITLE: Sulfonamido-macrocycles as Tie2 inhibitors and their

preparation, pharmaceutical compositions and use for

treatment of dysregulated vascular growth diseases

INVENTOR(S): Kettschau, Georg; Briem, Hans; Hartung, Ingo; Luecking, Ulrich; Schaefer, Martin; Thierauch,

Karl-Heinz; Schwede, Wolfgang; Husemann, Manfred

PATENT ASSIGNEE(S): Schering Aktiengesellschaft, Germany

SOURCE: Eur. Pat. Appl., 34 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA	ren <b>t</b>	NO.			KIN		DATE			APP:	LICAT		DATE							
EP	1674	469			A1		2006	0628		EP 2004-90508						20041222				
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR	, IT,	LI,	LU,	NL,	SE,	MC,	PT,			
		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL	, TR,	BG,	CZ,	EE,	HU,	PL,	SK,			
		BA,	HR,	IS,	YU															
ΑU	2005	3183	60		A1		2006	0629		AU .	2005-	3183	60		2	0051	219			
CA	2590	522			A1		2006	0629		CA .	2005-	2590	522		2	0051	219			
WO	2006	0669	56		A2		2006	0629		WO.	2005-1	EP13	956		2	0051	219			
WO	2006	0669	56		A3		2006	1012												
	W:	ΑE,	AG,	AL,	AM,	ΑT,	ΑU,	ΑZ,	BA,	BB	, BG,	BR,	BW,	BY,	BZ,	CA,	CH,			
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		ΚZ,	LC,	LK,	LR,	LS,	LT,	LU,	LV,	LY	, MA,	MD,	MG,	MK,	MN,	MW,	MX,			
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		SG,	SK,	SL,	SM,	SY,	ТJ,	TM,	TN,	TR	, TT,	TZ,	UA,	UG,	US,	UZ,	VC,			
		VN,	YU,	ZA,	ZM,	ZW														
	RW:	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE	, ES,	FI,	FR,	GB,	GR,	HU,	ΙE,			
		IS,	IT,	LT,	LU,	LV,	MC,	NL,	PL,	PΤ	, RO,	SE,	SI,	SK,	TR,	BF,	ВJ,			
		CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML	, MR,	ΝE,	SN,	TD,	TG,	BW,	GH,			
		GM,	ΚE,	LS,	MW,	MΖ,	NΑ,	SD,	SL,	SZ	, TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,			
		KG,	KΖ,	MD,	RU,	ТJ,	TM													
ΕP	1828	209			A2		2007	0905	EP 2005-826661						20051219					
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		IS,	IT,	LI,	LT,	LU,	LV,	MC,	NL,	PL	, PT,	RO,	SE,	SI,	SK,	TR				
CN	1010	8779	7		A		2007	1212		CN .	2005-	8004	4293		2	0051	219			
JΡ	2008	5243	02		T		2008	0710		JP .	2007-	5473	85		2	0051	219			
EP 1828209 R: AT, BE, B IS, IT, L CN 101087797 JP 2008524302 BR 2005019210 US 20060194823					A2		2009	0106		BR .	2005-	1921	0		2	0051	219			
US	2006	0194	823		A1		2006	0831			2005-				2	0051	221			
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MX	2007		Α		2008	0829		MX .	2007-	7422			2	0070	619					
KR	2007	0975	25		A		2007	1004		KR .	2007-	7166	60		2	0070	720			
RIT	Y APP	LN.	INFO	.:							2004-		-			0041	222			
										US .	2004-	6398				0041	229			
										WO.	2005-1	EP13	956	1	W 2	0051	219			

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): CASREACT 145:103737; MARPAT 145:103737 GI

<sup>\*</sup> STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AΒ The invention relates to sulfonamido-macrocycles according to the general formula I and the salts thereof. The invention also related to pharmaceutical compns. comprising the sulfonamido-macrocycles and to a method of preparing the sulfonamido-macrocycles as well as the use thereof for manufacturing a pharmaceutical composition for the treatment of diseases of dysregulated vascular growth or of diseases which are accompanied with dysregulated vascular growth, wherein the compds. effectively interfere with angiopoietin and therefore influence Tie2 signaling. Compds. of formula I wherein A is phenylene or C6-heteroarylene; Z is O, S, NR3, or CHR3; R1-R3 are independently H or (un) substituted C1-10 alkyl; R4 is H, halo, NO2, amino, CN, C1-6 alkyl, C1-6 alkoxy, NH(C1-6 alkyl), N(C1-6alkyl), etc.; X is a bond or methylene; Y is methylenedioxyphenyl, ethylenedioxyphenyl, (un)substituted phenylene, (un) substituted oxyalkyl, etc.; m is from 3 to 6; and their pharmaceutically acceptable salts, solvates, hydrates, N-oxides, isomers, diastereoisomers, and enantiomers are claimed. Example compound II was prepared by Suzuki coupling of compound III with 1-(4-fluorophenyl)-2-[4-(4,4,5,5-tetramethyl-1,3,2-dioxoboralan-2- yl)phenoxylethanone. All the invention compds. were evaluated for their Tie2 inhibitory activity. From the assay, it was determined that compound II inhibit Tie2 with an IC50 value of about I uM or less.

IT 1175149-78-6

RL: PRPH (Prophetic)

(Sulfonamido-macrocycles as Tie2 inhibitors and their preparation, pharmaceutical compositions and use for treatment of dysregulated vascular growth diseases)

RN 1175149-78-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 22 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2006:87930 CAPLUS Full-text

DOCUMENT NUMBER: 144:246535

TITLE: Identification of phosphodiesterase-1 and 5 dual

inhibitors by a ligand-based virtual screening

optimized for lead evolution

AUTHOR(S): Yamazaki, Kazuto; Kusunose, Naoto; Fujita, Katsuya;

Sato, Hideshi; Asano, Shigehiro; Dan, Akihito;

Kanaoka, Masaharu

CORPORATE SOURCE: Sumitomo Pharmaceuticals Co., Ltd, Konohana-ku, Osaka,

554-0022, Japan

SOURCE: Bioorganic & Medicinal Chemistry Letters (2006),

16(5), 1371-1379

CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal LANGUAGE: English

AB We identified new lead candidates which showed potent dual inhibition against phosphodiesterase-1 and 5 by a ligand-based virtual screening optimized for lead evolution. This virtual screening method, consisting of classification and regression tree anal. using 168 2-center pharmacophore descriptors and 12 macroscopic descriptors, demonstrated a high predictive ability for bioactivity of new chemical compds. The obtained lead candidates were structurally diverse, although only the structure-activity relationship data of hydroxamic acid derivs. were used to configure the prediction model for the

IT 334497-92-6

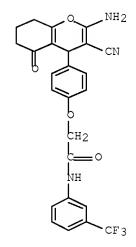
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(Identification of phosphodiesterase-1 and 5 dual inhibitors by a ligand-based virtual screening optimized for lead evolution)

RN 334497-92-6 CAPLUS

virtual screening.

CN Acetamide, 2-[4-(2-amino-3-cyano-5,6,7,8-tetrahydro-5-oxo-4H-1-benzopyran-4-yl)phenoxy]-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 7 THERE ARE 7 CAPLUS RECORDS THAT CITE THIS RECORD

(7 CITINGS)

REFERENCE COUNT: 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 23 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2005:1305459 CAPLUS Full-text

DOCUMENT NUMBER: 144:205134

TITLE: Design, Synthesis, and Structure-Activity

Relationships of 1-,3-,8-, and

9-Substituted-9-deazaxanthines at the Human A2B

Adenosine Receptor

AUTHOR(S): Carotti, Angelo; Cadavid, Maria Isabel; Centeno, Nuria

B.; Esteve, Cristina; Loza, Maria Isabel; Martinez, Ana; Nieto, Rosa; Ravina, Enrique; Sanz, Ferran;

Segarra, Victor; Sotelo, Eddy; Stefanachi, Angela;

Vidal, Bernat

CORPORATE SOURCE: Dipartimento Farmaco-Chimico, Universita di Bari,

Bari, I-70125, Italy

SOURCE: Journal of Medicinal Chemistry (2006), 49(1), 282-299

CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal LANGUAGE: English

OTHER SOURCE(S): CASREACT 144:205134

GΙ

$$\bigcap_{\text{RN}} \bigoplus_{\text{Ne}} \bigoplus_{\text{R}} \bigcap_{\text{R}} \bigoplus_{\text{R}} \bigcap_{\text{R}} \bigcap_{\text{R}}$$

AΒ Substituted 9-deazaxanthines such as I (R = Me, EtCH2; R1 = H, MeO; R2 = Br, Ph) are prepared and evaluated for their binding affinity at the recombinant human adenosine A2B and A2A receptors. I (R = Me, EtCH2; R1 = H, MeO; R2 = Br, Ph) bind to the human adenosine A2B receptor with pKi values of 8.28-8.58 and with selectivities of 500-1400 fold and >1000-2300 fold for human adenosine A2B receptors over human adenosine A2A and A3 receptors, resp.; I have low selectivities (3.4-11.7 fold) for binding to human adenosine A2B receptors over human adenosine Al receptors. Structure-affinity relationships for substituted 9-deazaxanthines suggest that binding to the human adenosine A2B receptor is mainly modulated by the steric bulk and lipophilicities of substituents at positions 1 and 3 of substituted 9-deazaxanthines and by the electronic properties and lipophilicities of the substituents at position 8. Comparisons between the affinity and selectivity profiles of 9-deazaxanthines with those of the corresponding xanthines suggest possible differences in their binding modes to human adenosine A2 receptors.

Т

IT 480991-24-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation of substituted 9-deazaxanthines and the structure-activity relationships for their binding to human adenosine A2B receptors and their selectivities towards binding to human adenosine A1, A2A, A2B, and A3 receptors)

RN 480991-24-0 CAPLUS

CN Acetamide, 2-[4-(2,3,4,5-tetrahydro-2,4-dioxo-1,3-dipropyl-1H-pyrrolo[3,2-d]pyrimidin-6-yl)phenoxy]-N-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 18 THERE ARE 18 CAPLUS RECORDS THAT CITE THIS

RECORD (18 CITINGS)

REFERENCE COUNT: 72 THERE ARE 72 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 24 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2005:1215905 CAPLUS Full-text

DOCUMENT NUMBER: 143:465586

TITLE: Hair preparations containing 2-oxy-acetamide

derivatives for stimulating or inducing hair growth

INVENTOR(S): Rozot, Roger; Breton, Philippe; Neuwels, Michel;

Boulle, Christophe

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: PCT Int. Appl., 86 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: French

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATE	NT N	10.			KIN	o :	DATE			APPL:	ICAT	ION I	ΝΟ.		D.	ATE			
WO 2	20051	10768	87		A1		2005	1117	,	WO 2	005-	FR92	6		2	0050	418		
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		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JΡ,	KΕ,	KG,	KM,	KP,	KR,	KZ,		
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FR 2	8692	224			A1	A1 20051028 FR 2004-4298								20040422					
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EP 1								0321				_	-			0050			
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										US 2						0040			
									1	WO 2	005-	FR92	6	1	₩ 2	0050	418		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): CASREACT 143:465586; MARPAT 143:465586

AΒ The invention relates to the following 2-oxy-acetamide compds., the salts and/or solvates thereof as an inhibitor of 15-PGDH, II, III, IV, R3OCH2CONHCH2SiMe3 , wherein: (i) R7 and R8 represent H, halogen, CF3, CN, OR4, SR4, NHR6, NR6R'6, OCOR4, COR4, CSR4, COOR4, SO2R4, SiR4R'4R"4, OCF3, and R4, R'4, R"4, R6, R'6 represent H or an alkyl that is optionally substituted by Ph, an optionally-substituted alkyl, a (hetero)cycle which is optionally fused to another ring; (ii) Z represents q; (iii) X and Y represent H or A2 or form a (hetero)cycle which is optionally substituted and/or fused to another ring; (iv) A represents m; (v) R3 represents an optionally-substituted alkyl, a (hetero)cycle which is optionally fused to another ring, said rings being optionally substituted; and (vi) A2 represents halogen, CF3, CN, OR4, SR4, NR4R'4, OCOR4, COR4, CSR4, COOR4, S02R4, SiR4R'4R"4, NO2, OCF3, an optionallysubstituted alkyl, a (hetero)cycle which is optionally fused to another ring, where rings C11 and C12 can be substituted. Thus, N-  $\,$ benzylcyclohexyloxyacetamidde (I) was prepared by the reaction of cyclohexanol with N-benzyl-2-chloroacetamide. Efficacy of 2-oxy-acetamide derivs. as specific inhibitors of 15-PGDH is shown. A hair lotion contained I 0.10, latanoprost 0.10, propylene glycol 30.00, Et alc. 40.00, and water q.s. 100.00g.

IT 302551-11-7

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hair prepns. containing 2-oxy-acetamide compound for stimulating or inducing

hair growth)

RN 302551-11-7 CAPLUS

CN Acetamide, 2-([1,1'-biphenyl]-4-yloxy)-N-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

IT 867257-98-SP 867258-00-2P

RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(hair prepns. containing 2-oxy-acetamide compound for stimulating or inducing

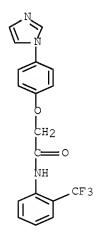
hair growth)

RN 867257-98-5 CAPLUS

CN Acetamide, 2-[4-(1H-pyrrol-1-yl)phenoxy]-N-[2-(trifluoromethyl)phenyl]-(CA INDEX NAME)

RN 867258-00-2 CAPLUS

CN Acetamide, 2-[4-(1H-imidazol-1-yl)phenoxy]-N-[2-(trifluoromethyl)phenyl]-(CA INDEX NAME)



OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD

(2 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 25 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2005:1152777 CAPLUS Full-text

DOCUMENT NUMBER: 143:410607

TITLE: Hair preparations containing 2-oxyacetamides for the

stimulation or induction of hair growth and/or

delaying hair loss

INVENTOR(S): Rozot, Roger; Breton, Philippe; Neuwels, Michel;

Boulle, Christophe

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Fr. Demande, 80 pp.

CODEN: FRXXBL

DOCUMENT TYPE: Patent LANGUAGE: French

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

P	ATENT	NO.			KIN	D	DATE			APPL	ICAT	ION	NO.		D.	ATE		
		286 <b>9</b> 224 2869224					2005 2006			 FR 2	004-		20040422					
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		ZM,	ZW															
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 143:410607

AB Hair prepns. containing 2-oxyacetamides are used as 15-PGDH specific inhibitors for the stimulation or induction of hair growth and/or delaying hair loss. Thus, N-(2,6-dimethyl-phenyl)-2-(quinolin-8-yloxy)-acetamide (I) was prepared by the reaction of 8-hydroxyquinoline with 2-chloro-2',6'-aceto-xylidide. Efficacy of I as inhibitor of enzymic activity of 15-PGDH is shown. Formulations of hair growth stimulants containing 2-oxyacetamide derivs. are disclosed.

IT 302551-11-7

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses) (hair preprs. containing 2-oxyacetamides for stimulation or induction of hair growth and/or to delay hair loss)

RN 302551-11-7 CAPLUS

CN Acetamide, 2-([1,1'-biphenyl]-4-yloxy)-N-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

IT 867257-98-5P 867258-00-2P

RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(hair prepns. containing 2-oxyacetamides for stimulation or induction of hair growth and/or to delay hair loss)

RN 867257-98-5 CAPLUS

CN Acetamide, 2-[4-(1H-pyrrol-1-y1)phenoxy]-N-[2-(trifluoromethyl)phenyl]-(CA INDEX NAME)

RN 867258-00-2 CAPLUS

CN Acetamide, 2-[4-(1H-imidazol-1-yl)phenoxy]-N-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 26 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2005:1144491 CAPLUS Full-text DOCUMENT NUMBER: 143:432020

TITLE: Biaryl diamides as potent melanin concentrating

hormone receptor 1 antagonists

AUTHOR(S): Palani, Anandan; Shapiro, Sherry; McBriar, Mark D.;

Clader, John W.; Greenlee, William J.; O'Neill, Kim;

Hawes, Brian

CORPORATE SOURCE: Schering-Plough Research Institute, Kenilworth, NJ,

07033, USA

SOURCE: Bioorganic & Medicinal Chemistry Letters (2005),

15(23), 5234-5236

CODEN: BMCLE8; ISSN: 0960-894X

PUBLISHER: Elsevier B.V.

DOCUMENT TYPE: Journal LANGUAGE: English

OTHER SOURCE(S): CASREACT 143:432020

GΙ

Ι

AB Herein, we report the discovery of the potent and selective biaryl diamide derived MCH-R1 receptor antagonist I, which was identified upon modification of a previously disclosed biaryl urea series. This paper describes one of the strategies incorporated to remove the highly mutagenic biarylaniline present in an otherwise promising biaryl urea series.

IT 868631-50-9P 868631-53-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(biaryl diamides as potent melanin concentrating hormone receptor 1 antagonists)

RN 868631-50-9 CAPLUS

CN Urea, N-[(3'-cyano[1,1'-biphenyl]-4-yl)methyl]-N'-[4-fluoro-3-(trifluoromethyl)phenyl]-N-[2-(1-pyrrolidinyl)ethyl]- (CA INDEX NAME)

RN 868631-53-2 CAPLUS

CN Urea, N-[(3'-cyano[1,1'-biphenyl]-4-yl)methyl]-N'-[4-fluoro-3-(trifluoromethyl)phenyl]-N-[3-(1-pyrrolidinyl)propyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS

RECORD (13 CITINGS)

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 27 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2005:1034703 CAPLUS <u>Full-text</u>

DOCUMENT NUMBER: 144:205129

TITLE: A structural study of new potent and selective

antagonists to the A2B adenosine receptor

AUTHOR(S): Ferretti, Valeria; Pretto, Loretta; Tabrizi, Mojgan

Aghazadeh; Bertolasi, Valerio

CORPORATE SOURCE: Dipartimento di Chimica, Centro di Strutturistica

Diffrattometrica, University of Ferrara, Ferrara,

I-44100, Italy

SOURCE: Acta Crystallographica, Section B: Structural Science

(2005), B61(5), 569-576

CODEN: ASBSDK; ISSN: 0108-7681

PUBLISHER: Blackwell Publishing Ltd.

DOCUMENT TYPE: Journal LANGUAGE: English

Xanthines, including the natural derivs. theophylline and caffeine, are non-AB selective antagonists of adenosine. They are able to bind with good affinity to all four adenosine-receptor subtypes A1, A2A, A2B and A3. To develop new drugs with few side effects, over the last few years many efforts have been devoted to the discovery of new adenosine antagonists with enhanced selectivity properties. The present paper reports the crystal structures of five new xanthinic derivs., which display different affinities and selectivity properties towards the A2B receptor. Besides the crystallog. study, a structural comparison has been made with the calculated geometry of other xanthinic derivs. which are reported to have similar biol. characteristics to understand the structural features controlling their affinity capabilities and selectivity. This structural comparison has been interpreted in the light of a recently published study on the binding of N-benzo[1,3]-dioxol-5-yl-2-[5-(2,6-dioxo-1,3-dipropyl-2,3,6,9-tetrahydro-1H-purin-8-yl)-1-methyl-1-Hpyrazol-3-iloxy]-acetamide to a model of the A2B receptor, which shows the most interesting affinity and selectivity properties.

IT 264622--60-8

RL: PAC (Pharmacological activity); BIOL (Biological study) (structural study of A2B adenosine receptor antagonists)

RN 264622-60-8 CAPLUS

CN Acetamide, 2-[4-(2,3,6,9-tetrahydro-2,6-dioxo-1,3-dipropyl-1H-purin-8-yl)phenoxy]-N-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{N-Pr} \\ \text{N-Pr} \\ \text{N-H} \end{array}$$

REFERENCE COUNT: 33 THERE ARE 33 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 28 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2005:1004726 CAPLUS Full-text

DOCUMENT NUMBER: 143:305940

TITLE: Preparation of  $\beta$ -ketoamide derivatives as

antagonists of MCH receptor

INVENTOR(S): Roth, Gerald-Juergen; Lustenberger, Philipp;

Schindler, Marcus; Thomas, Leo; Stenkamp, Dirk; Mueller, Stephan Georg; Lehmann-Lintz, Thorsten; Santagostino, Marco; Lotz, Ralf Richard Hermann

PATENT ASSIGNEE(S): Boehringer Ingelheim International G.m.b.H., Germany;

Boehringer Ingelheim Pharma G.m.b.H. & Co. K.-G.

SOURCE: PCT Int. Appl., 138 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

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WO 2005085221
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             LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
             NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM,
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PRIORITY APPLN. INFO.:
                                            DE 2004-102004010893A 20040306
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 143:305940
GI

$$R^{1}_{R2} > N - X - Y - Z$$
 $R^{3}_{R4} = R^{5}_{R5}$ 
 $A = \{B\}_{n}$ 

AB Title compds. I [R1 and R2 independently = H, (un)substituted alkyl, cycloalkyl, etc. or R1 and R2 together form alkylene bridge in which one or two CH2 groups may be substituted by either O, S, CO, etc.; R3 = H, alkyl, phenylalkyl, etc.; X = alkylene bridge in which one or two non-neighboring CH2 groups may be substituted by either O, S, CO, etc.; Z = single bond or CR6R7CR8R9; A, B and Y independently = Ph, (un)saturated carbocycle, heterocycle, etc.; n = 0-1; R4 and R5 independently = H, CF3, F, etc.; R6 and R8 independently = H, Cl, alkyl, etc.; R7 and R9 independently = H, F, cycloalkyl, etc.] and their pharmaceutically acceptable salts, are prepared

and disclosed as antagonists of MCH receptors. Thus, e.g., II was prepared by subsequent couplings of 4-acetylbiphenyl with di-Et carbonate and 2-[4-(pyrrolidin-1-yl-methyl)-phenyl]-ethylamine. The antagonistic activity of II was evaluated in a MCH-1 receptor binding assay and it was revealed that this compound possesses an IC50 value of 63.7 nM. I as antagonist of MCH receptor should prove useful in the treatment of diseases such as but not limited to diabetes, obesity and bulimia. Pharmaceutical compns. comprising I are disclosed.

IT 664659-27-8P

RN

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of  $\beta$ -ketoamide derivs. as antagonists of MCH receptor) 864659-27-8 CAPLUS

CN [1,1'-Biphenyl]-4-propanamide,  $\beta$ -oxo-N-[4-[2-(1-pyrrolidinyl)ethoxy]-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

PAGE 1-A

PAGE 2-A

OS.CITING REF COUNT: 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (2 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 29 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2005:216619 CAPLUS Full-text

DOCUMENT NUMBER: 142:297864

TITLE: Preparation of aniline derivatives and related

compounds as c-kit modulators

INVENTOR(S): Cheng, Wei; Co, Erick Wang; Kim, Moon Hwan; Klein,

Rhett Ronald; Le Donna, T.; Lew, Amy; Nuss, John M.;

Xu, Wei; Bajjalieh, William

PATENT ASSIGNEE(S): Exelixis, Inc., USA

SOURCE: PCT Int. Appl., 169 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA:	TENT	NO.				KIND DATE APPLI													
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): CASREACT 142:297864; MARPAT 142:297864 GI

AΒ Compds. I [wherein ring A is a five- to fourteen-membered heteroaryl; R1, R2 and R3 are H, halo, trihalomethyl, cyano, nitro, etc.; L1 is a single bond, (un) substituted alkylene, O, CH2O, etc.; ring B is five- to ten-membered aryl or heterocyclyl; ring C is five- to ten-membered (hetero)aryl; L2 is alkylene, alkylidene, alkylidyne, etc.; with some limitations and exclusions, and pharmaceutically acceptable salts, hydrates or prodrugs thereof], as exemplified by carbonyl compds. of anilines, were prepared as c-Kit kinase modulators. For example, 3-aminophenoxyacetic acid, which was obtained from the corresponding nitro compound in 76% yield via catalytic hydrogenation, was treated with HC(OEt)3 and NaN3 in AcOH followed by NaNO2/HCl to give a tetrazole in 61% yield. This acid was coupled with 5-amino-2chlorobenzotrifluoride in the presence of HATU to afford acetamide II in 46% yield, which showed inhibition against c-Kit kinase with a IC50 of < 50 nM. Therefore, I and pharmaceutical compns. thereof are useful for modulating c-Kit kinase activity and for treating diseases or disorders associated with uncontrolled, abnormal, and/or unwanted cellular activities.

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ΙT
     483337-40-2P
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                                  505052-18-6P
                   847606-67-1P
                                  847606-71-7P
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                   847607-74-3P
                                  847607-76-5P
    847607-77-69
                   847607-78-7P
                                  847607-79-8P
    847607-80-19
                   847607-81-2P
                                  847607-82-3P
                                  847607-88-9P
    847607-86-7F
                  847607-87-8P
    847607-89-0F 847607-90-3P
                                  847607-91-4P
    847607-92-5P 847607-93-6P
                                  847607-94-7P
    847607-95-8P
                   847607-96-9P
                                  847607-97-0P
    847607-98-1P
                   847607-99-2P
                                  847608-00-8P
    847608-01-9P
                   847608-02-0P
                                  847608-03-1P
    847608-04-2P
                   847608-05-3P
                                  847608-06-4P
    847608-07-5P
                   847608-08-6P
                                  847608-09-7P
    847608-10-0P
                   847608-11-1P
                                  847608-12-2P
    847608-13-3F
                   847608-14-4P
                                  847608-15-5P
    847608-16-6P
                   847608-17-79
                                  847608-18-8P
    847608-19-9P
                   847608-20-2P
                                  847608-21-3P
    847608-23-5P
                   847608-24-6P
                                  847608-25-7P
    847608-31-5P
                   847608-32-6P
                                  847608-42-8P
    847608-44-0P
                   847608-46-2P
                                  847608-48-4P
    847608-50-8P
                   347608-51-9P
                                  847608-53-1P
    847608-55-3P
                   347608-58-6P
                                  847608-59-7P
    847608-60-0P
                   847608-61-IP
                                  847608-62-2P
    847608-63-3P
                   847608-64-4P
                                  847608-67-7P
    847608-68-89
                   847608-69-92
                                  847608-70-2P
    847608-71-3P
                   847608-73-5P
                                  847608-74-6P
    847608-75-7P
                   847608-77-9P
                                  847608-79-1P
    847608-80-4P
                   847608-81-5P
                                  847608-82-6P
                   847608-84-8P
    847608-83-7P
                                  847608-85-9P
    847608-86-0P
                   847608-87-1P
                                  847608-88-2P
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847608-89-3P
             847608-90-6P
                             847608-91-7P
847608-93-9P
             847608-94-0P
                             847608-95-1P
847608-96-2P
             847608-98-4P
                             847609-00-1P
847609-04-5P
             847609-06-7P
                             847609-08-9P
847609-10-3P
              847609-12-5P
                             847609-14-7P
847609-16-9P
              847609-18-1P
                              847609-20-5P
847609-30-7F
              847609-35-2P
                             847609-36-3P
             847609-41-0P
                             847609-43-2P
847609-39-6P
847609-46-SP
             847609-48-7P
                             847609-50-1P
847609-52-3P
             847609-54-5P
                             847609-56-7P
847609-57-8P
              347609-58-9P
                             847609-59-0P
847609-60-3P
              347609-63-6P
                             847609-65-8P
847609-67-0P
              847609-73-8P
                              847609-75-0P
847609-79-4P
              847609-81-8P
                             847609-86-3P
847609-93-2F
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RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(modulator; preparation of anilines and related compds. as C-kit modulators)

RN 483337-40-2 CAPLUS

CN Acetamide, 2-[3-(1H-tetrazol-1-yl)phenoxy]-N-[2-(trifluoromethyl)phenyl]-(CA INDEX NAME)

RN 483337-41-3 CAPLUS

CN Acetamide, 2-[3-(1H-tetrazol-1-yl)phenoxy]-N-[3-(trifluoromethyl)phenyl](CA INDEX NAME)

RN 505052-18-6 CAPLUS

CN Acetamide, N-[2-chloro-5-(trifluoromethyl)phenyl]-2-[3-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

RN 506433-09-6 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847606-67-1 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(1H-1,2,3-triazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847606-71-7 CAPLUS

CN Hydrazinecarboxamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(1H-tetrazol-1-yl)phenyl]- (CA INDEX NAME)

RN 847606-73-9 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[[3-(1H-tetrazol-1-yl)phenyl]amino]- (CA INDEX NAME)

$$\begin{array}{c|c} N & & \\ N & & \\ N & & \\ \end{array}$$
 NH\_CH<sub>2</sub>— $\begin{array}{c} C \\ C \\ \end{array}$  NH\_CH<sub>2</sub>— $\begin{array}{c} C \\ C \\ \end{array}$  C1

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(5-methyl-1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

$$N = 0 - CH_2 - C - NH - CH_3 - CH_3$$

RN 847606-76-2 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[[3-(1H-tetrazol-1-yl)phenyl]thio]- (CA INDEX NAME)

$$N = N = S = CH_2 = 0$$

$$CH_2 = 0$$

$$CH_3 = CH_3$$

RN 847606-77-3 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(5-pyrimidinyl)phenoxy]- (CA INDEX NAME)

RN 847606-78-4 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(4H-1,2,4-triazol-4-yl)phenoxy]- (CA INDEX NAME)

PAGE 2-A

 $d_1$ 

RN 847606-81-9 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(1H-tetrazol-1-yl)phenyl]methyl]- (CA INDEX NAME)

RN 847606-84-2 CAPLUS

CN Propanamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847606-87-5 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(6-quinoxalinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847606-88-6 CAPLUS

CN 2-Pyrazinecarboxamide, 3-amino-6-[3-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-N-3-piperidinyl- (CA INDEX NAME)

RN 847606-90-0 CAPLUS

CN Benzamide, N-[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]-3-(1H-tetrazol-1-yl)- (CA INDEX NAME)

RN 847606-92-2 CAPLUS

CN Hydrazinecarboxamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-methyl-2-[3-(5-pyrimidinyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\$$

RN 847606-93-3 CAPLUS

CN Carbamic acid, [3-(trifluoromethyl)phenyl]-, [3-(1H-tetrazol-1-yl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847607-05-0 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(4H-1,2,4-triazol-4-yl)phenoxy]- (CA INDEX NAME)

RN 847607-13-0 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(2H-tetrazol-5-yl)phenoxy]- (CA INDEX NAME)

RN 847607-17-4 CAPLUS

CN Acetamide, N-[4-fluoro-3-(trifluoromethyl)phenyl]-2-[3-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

$$N = 0 - CH_2 - C - NH - CH_2 - CH_2$$

RN 847607-18-5 CAPLUS

CN Acetamide, N-[4-bromo-3-(trifluoromethyl)phenyl]-2-[3-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847607-19-6 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

RN 847607-20-9 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[2-methyl-5-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

$$\begin{array}{c} N \\ N \\ \end{array} \begin{array}{c} N \\ \end{array} \begin{array}{c} Me \\ O-CH_2-C \\ \end{array} \begin{array}{c} NH \\ CI \\ \end{array} \begin{array}{c} CI \\ \end{array}$$

RN 847607-22-1 CAPLUS

CN Acetamide, N-[4-chloro-2-(trifluoromethyl)phenyl]-2-[3-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847607-25-4 CAPLUS

CN Acetamide, N-[4-fluoro-3-(trifluoromethyl)phenyl]-2-[4-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

$$\begin{array}{c} \text{N} \\ \text{N} \end{array} \begin{array}{c} \text{O} \\ \text{CH}_2 \\ \text{C} \end{array} \begin{array}{c} \text{NH} \\ \text{CF}_3 \end{array}$$

RN 847607-26-5 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(2-methyl-2H-tetrazol-5-yl)phenoxy]- (CA INDEX NAME)

RN 847607-27-6 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[2,4-dichloro-5-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ &$$

RN 847607-28-7 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[2-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847607-29-8 CAPLUS

CN 1H-1,2,3-Triazole-4-carboxylic acid, 1-[3-[2-[[4-chloro-3-(trifluoromethyl)phenyl]amino]-2-oxoethoxy]phenyl]-, methyl ester (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

RN 847607-37-8 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(4-pyridinyl)phenoxy]- (CA INDEX NAME)

RN 847607-38-9 CAPLUS

CN Propanamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[[3-(1H-tetrazol-1-yl)phenyl]amino]- (CA INDEX NAME)

RN 847607-51-6 CAPLUS

CN Acetamide, N-[2-methoxy-5-(trifluoromethyl)phenyl]-2-[3-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847607-56-1 CAPLUS

CN 1H-Pyrrole-1-carboxylic acid, 2-[3-[2-[[4-chloro-3-(trifluoromethyl)phenyl]amino]-2-oxoethoxy]phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 847607-57-2 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(1H-pyrrol-2-yl)phenoxy]- (CA INDEX NAME)

RN 847607-58-3 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(5-pyrimidinyl)phenoxy]- (CA INDEX NAME)

RN 847607-61-8 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(3-

RN 847607-63-0 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(3-furanyl)phenoxy]-(CA INDEX NAME)

RN 847607-66-3 CAPLUS

CN Benzenepropanamide, N-[4-fluoro-3-(trifluoromethyl)phenyl]-3-(1H-tetrazol-1-yl)- (CA INDEX NAME)

$$\begin{array}{c} \text{N} \\ \text{N} \end{array} \begin{array}{c} \text{CH}_2 - \text{CH}_2 - \text{C} \\ \text{CH}_3 \end{array} \begin{array}{c} \text{O} \\ \text{CF}_3 \end{array}$$

RN 847607-68-5 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(3,5-dimethyl-4-isoxazolyl)phenoxy]- (CA INDEX NAME)

RN 847607-69-6 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(7-quinolinyl)phenoxy]- (CA INDEX NAME)

RN 847607-70-9 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(2-furanyl)phenoxy]- (CA INDEX NAME)

RN 847607-71-0 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(4-dibenzofuranyl)phenoxy]- (CA INDEX NAME)

RN 847607-74-3 CAPLUS

CN Acetamide, N-[4-fluoro-3-(trifluoromethyl)phenyl]-2-[[3-(1H-tetrazol-1-yl)phenyl]amino]- (CA INDEX NAME)

RN 847607-76-5 CAPLUS

CN Hydrazinecarboxamide, N-[2-fluoro-5-(trifluoromethyl)phenyl]-2-[3-(1H-tetrazol-1-yl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

RN 847607-77-6 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(3-pyridinyl)phenoxy]- (CA INDEX NAME)

RN 847607-78-7 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(5-pyrimidinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847607-79-8 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(5-pyrimidinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847607-80-1 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethy1)pheny1]-N'-[[4-(3-pyridiny1)pheny1]methy1]- (CA INDEX NAME)

$$\begin{array}{c} \text{CH}_2\text{-NH-C-NH-CH} \\ \text{CF}_3 \end{array}$$

RN 847607-81-2 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(1H-tetrazol-1-yl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847607-82-3 CAPLUS

CN Acetamide, N-[4-fluoro-3-(trifluoromethyl)phenyl]-2-[4-(5-pyrimidinyl)phenoxy]- (CA INDEX NAME)

RN 847607-86-7 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-methyl-4-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847607-87-8 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(1H-1,2,3-triazol-1-yl)phenoxy]- (CA INDEX NAME)

$$\begin{array}{c|c} \mathbb{N} & \mathbb{N} & \mathbb{O} \\ \mathbb{O} & \mathbb{O} & \mathbb{O} \\ \mathbb{C} & \mathbb{F}_3 & \mathbb{C} \end{array}$$

RN 847607-88-9 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-fluoro-4-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847607-89-0 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[2-fluoro-4-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847607-90-3 CAPLUS

CN Benzenesulfonamide, N-[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]-3-(1H-tetrazol-1-yl)- (CA INDEX NAME)

RN 847607-91-4 CAPLUS

CN Benzenesulfonamide, N-[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]-N-methyl-3-(1H-tetrazol-1-yl)-(CA INDEX NAME)

$$\begin{array}{c|c} & & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

RN 847607-92-5 CAPLUS

CN Acetamide, N-[4-fluoro-3-(trifluoromethyl)phenyl]-2-[4-(3-pyridinyl)phenoxy]- (CA INDEX NAME)

RN 847607-93-6 CAPLUS

CN Acetamide, 2-[4-(2,4-dimethoxy-5-pyrimidinyl)phenoxy]-N-[4-fluoro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847607-94-7 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(2,4-dimethoxy-5-pyrimidinyl)phenoxy]- (CA INDEX NAME)

RN 847607-95-8 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(4-pyridinyl)phenoxy]- (CA INDEX NAME)

RN 847607-96-9 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[[3-methoxy-4-(1H-tetrazol-1-yl)phenyl]amino]- (CA INDEX NAME)

$$\begin{array}{c}
\text{MeO} \\
\text{N}
\end{array}$$

$$\begin{array}{c}
\text{NH-CH2-C-NH}
\end{array}$$

RN 847607-97-0 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[[4-methoxy-3-(1H-tetrazol-1-yl)phenyl]amino]- (CA INDEX NAME)

$$\begin{array}{c|c} & \text{MeO} \\ & \text{N} \\ & \text{N} \\ & \text{N} \\ & \text{NH-CH}_2 \\ & \text{C1} \\ & \text{C1} \\ \end{array}$$

RN 847607-98-1 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[[4-(1H-tetrazol-1-yl)phenyl]amino]- (CA INDEX NAME)

$$N = N + CH_2 - C - NH - CH_3 - C1$$

RN 847607-99-2 CAPLUS

CN Hydrazinecarboxamide, N-[4-chloro-3-(trifluoromethy1)pheny1]-2-[2,3,5,6-tetrafluoro-4-(5-pyrimidiny1)pheny1]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & &$$

RN 847608-00-8 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(1H-tetrazol-1-yl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-01-9 CAPLUS

CN Hydrazinecarboxamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(5-pyrimidinyl)phenyl]- (CA INDEX NAME)

RN 847608-02-0 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-03-1 CAPLUS

CN Propanamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-methyl-2-[3-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847608-04-2 CAPLUS

CN Propanamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847608-05-3 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(2,4-dimethoxy-5-pyrimidinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-06-4 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(2-methoxy-5-pyrimidinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-07-5 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(6-methoxy-3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{MeO} \\ \text{N} \end{array} \begin{array}{c} \text{CH}_2 - \text{NH} \\ \text{C} - \text{NH} \end{array} \begin{array}{c} \text{CF}_3 \\ \text{C1} \end{array}$$

RN 847608-08-6 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(2-methoxy-5-pyrimidinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-09-7 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(6-methoxy-3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-10-0 CAPLUS

CN 1H-Indole-1-carboxylic acid, 2-[4-[2-[[4-chloro-3-(trifluoromethyl)phenyl]amino]-2-oxoethoxy]phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 847608-11-1 CAPLUS

CN Benzenesulfonamide, N-[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]-4-(1H-tetrazol-1-yl)- (CA INDEX NAME)

RN 847608-12-2 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[[3-(2H-tetrazol-5-yl)phenyl]amino]- (CA INDEX NAME)

$$N = NH - CH_2 - C - NH - CH_3 - C1$$

RN 847608-13-3 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[2,6-difluoro-4-(1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847608-14-4 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847608-15-5 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(5-pyrimidinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847608-16-6 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(4-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847608-17-7 CAPLUS

CN Hydrazinecarboxamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(1H-tetrazol-1-yl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & &$$

RN 847608-18-8 CAPLUS

CN Hydrazinecarboxamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(3-pyridinyl)phenyl]- (CA INDEX NAME)

RN 847608-19-9 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [4-(3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847608-20-2 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [4-(4-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847608-21-3 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [4-(5-pyrimidinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

RN 847608-23-5 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-24-6 CAPLUS

CN Hydrazinecarboxamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(3-pyridinyl)phenyl]- (CA INDEX NAME)

RN 847608-25-7 CAPLUS

CN Hydrazinecarboxamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(5-pyrimidinyl)phenyl]- (CA INDEX NAME)

RN 847608-31-5 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, 1-[4-(3-pyridinyl)phenyl]ethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} & \circlearrowleft \\ \text{CH-O-C-NH} \\ \end{array}$$

RN 847608-32-6 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, 1-[4-(5-pyrimidinyl)phenyl]ethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{CH-O-C-NH} \\ \\ \text{CF3} \end{array}$$

RN 847608-42-8 CAPLUS

CN Urea, N-[4-fluoro-3-(trifluoromethyl)phenyl]-N'-[[4-(3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-44-0 CAPLUS

CN Urea, N-[[3-(6-amino-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847608-46-2 CAPLUS

CN Urea, N-[[4-(6-amino-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847608-48-4 CAPLUS

CN Urea, N-[[3-(2-amino-5-pyrimidinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847608-50-8 CAPLUS

CN Urea, N-[[4-(2-amino-5-pyrimidinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847608-51-9 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[1-[4-(3-pyridinyl)phenyl]ethyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{CH-NH-C-NH} \\ \text{CF}_3 \end{array}$$

RN 847608-53-1 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[1-[4-(5-pyrimidinyl)phenyl]ethyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{CH-NH-C-NH} \\ \end{array}$$

RN 847608-55-3 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(1H-indol-2-yl)phenoxy]- (CA INDEX NAME)

RN 847608-58-6 CAPLUS

CN Hydrazinecarboxamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(4-pyridinyl)phenyl]- (CA INDEX NAME)

RN 847608-59-7 CAPLUS

CN Hydrazinecarboxamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(4-pyridinyl)phenyl]- (CA INDEX NAME)

RN 847608-60-0 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(4-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-61-1 CAPLUS

CN 2-Pyrazinecarboxylic acid, 3-amino-6-[3-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-, methyl ester (CA INDEX NAME)

RN 847608-62-2 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(6-quinoxalinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-63-3 CAPLUS

CN Urea, N-[[3-(2-amino-5-methyl-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847608-64-4 CAPLUS

CN 2-Pyrazinecarboxylic acid, 3-amino-6-[4-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-, methyl ester (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 847608-67-7 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[4-(2,5-dihydro-5-oxo-1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847608-68-8 CAPLUS

CN Urea, N-[[3-(2-amino-5-chloro-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847608-69-9 CAPLUS

CN Urea, N-[[4-(2-amino-5-chloro-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847608-70-2 CAPLUS

CN Urea, N-[[3-(6-chloro-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN

CN Urea, N-[[4-(6-chloro-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847608-73-5 CAPLUS

CN 2-Pyrazinecarboxamide, 3-amino-6-[3-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-N-[2-(dimethylamino)ethyl]- (CA INDEX NAME)

RN 847608-74-6 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(6-fluoro-3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-75-7 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(2-methoxy-3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-79-1 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(2-methoxy-3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-80-4 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(6-methyl-3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \end{array}$$

RN 847608-81-5 CAPLUS

CN Urea, N-[[4-(2-amino-5-fluoro-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847608-82-6 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(6-methyl-3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-83-7 CAPLUS

CN Urea, N-[[4-(2-amino-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847608-84-8 CAPLUS

CN Urea, N-[[3-(2-amino-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847608-85-9 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(6-methyl-3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(2-amino-5-fluoro-3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{NH2} \\ \text{NH2} \\ \text{CH2-O-C-NH} \end{array}$$

RN 847608-87-1 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(2-amino-3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847608-88-2 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, (3-pyrazinylphenyl)methyl ester (9CI) (CA INDEX NAME)

RN 847608-89-3 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-[6-(hydroxymethyl)-3-pyridinyl]phenyl]methyl]- (CA INDEX NAME)

CN Urea, N-[[3-(6-acetyl-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c|c} \text{Ac} & \text{CF3} \\ \text{N} & \text{CH2-NH-C-NH} \end{array}$$

RN 847608-91-7 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(6-cyano-3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847608-93-9 CAPLUS

CN 1-Piperidinecarboxylic acid, 3-[[[3-amino-6-[3-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-2-pyrazinyl]carbonyl]amino]-, 1,1-dimethylethyl ester, (3S)- (CA INDEX NAME)

Absolute stereochemistry.

RN 847608-94-0 CAPLUS

CN 2-Pyrazinecarboxamide, 3-amino-6-[3-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-N-(3S)-3-piperidinyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 847608-95-1 CAPLUS

CN 1-Piperidinecarboxylic acid, 3-[[[3-amino-6-[4-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-2-pyrazinyl]carbonyl]amino]-, 1,1-dimethylethyl ester, (3S)- (CA INDEX NAME)

Absolute stereochemistry.

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RN 847608-96-2 CAPLUS

CN 2-Pyrazinecarboxamide, 3-amino-6-[4-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-N-(3S)-3-piperidinyl- (CA INDEX NAME)

Absolute stereochemistry.

RN 847608-98-4 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(1H-pyrrolo[2,3-d]pyrimidin-4-yl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847609-00-1 CAPLUS

CN Urea, N-[[3-(2-amino-5-fluoro-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847609-04-5 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(1H-benzimidazol-2-yl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847609-06-7 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(6-amino-2-methyl-3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{H2N} \end{array} \begin{array}{c} \text{CF3} \\ \text{C1} \\ \text{CH2} \\ \text{O} \end{array} \begin{array}{c} \text{CF3} \\ \text{C1} \\ \text{C} \end{array}$$

RN 847609-08-9 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-[5-(methylthio)-3-pyridinyl]phenyl]methyl]- (CA INDEX NAME)

RN 847609-10-3 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [4-(6-methyl-3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{CF3} \\ \text{CH}_2 - \text{O} \\ \text{C} \\ \text{NH} \end{array}$$

RN 847609-12-5 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [4-(2-amino-5-fluoro-3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847609-14-7 CAPLUS
CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-,
[4-(2-amino-3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847609-16-9 CAPLUS
CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-,
(4-pyrazinylphenyl)methyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ &$$

RN 847609-18-1 CAPLUS
CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-,
 [4-(1H-pyrrolo[2,3-d]pyrimidin-4-yl)phenyl]methyl ester (9CI) (CA INDEX NAME)

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RN 847609-20-5 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [4-(6-amino-2-methyl-3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{H2N} \end{array}$$

RN 847609-30-7 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [4-(1H-tetrazol-1-yl)phenyl]methyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 847609-35-2 CAPLUS

CN 1-Piperidinecarboxylic acid, 3-[[[3-amino-6-[3-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-2-pyrazinyl]carbonyl]amino]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 847609-36-3 CAPLUS

CN 1-Piperidinecarboxylic acid, 3-[[[3-amino-6-[4-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-2-pyrazinyl]carbonyl]amino]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 847609-39-6 CAPLUS

CN 2-Pyrazinecarboxamide, 3-amino-6-[4-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-N-3-piperidinyl- (CA INDEX NAME)

RN 847609-41-0 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[3-amino-6-[3-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-2-pyrazinyl]carbonyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 847609-43-2 CAPLUS

CN 1-Piperazinecarboxylic acid, 4-[[3-amino-6-[4-[[[[[4-chloro-3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]-2-pyrazinyl]carbonyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 847609-46-5 CAPLUS

CN Urea, N-[[3-[5-amino-6-(1-piperazinylcarbonyl)-2-pyrazinyl]phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$H_{2N}$$
 $N$ 
 $CH_{2}-NH$ 
 $CH_{3}$ 
 $CH_$ 

RN 847609-48-7 CAPLUS

CN Urea, N-[[4-[5-amino-6-(1-piperazinylcarbonyl)-2-pyrazinyl]phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & H \\ N \\ \hline \\ N \\ \hline \\ N \\ \hline \\ N \\ \hline \\ \end{array} \begin{array}{c} CF3 \\ C1 \\ \hline \\ CH_2-NH-C-NH \\ \hline \\ \end{array} \begin{array}{c} CF3 \\ C1 \\ \hline \\ \end{array}$$

RN 847609-50-1 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(1H-pyrazol-4-yl)phenyl]methyl]- (CA INDEX NAME)

RN 847609-52-3 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(1H-pyrazol-4-yl)phenyl]methyl]- (CA INDEX NAME)

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RN 847609-56-7 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [4-[2-(1-piperazinyl)-5-pyrimidinyl]phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847609-57-8 CAPLUS

CN Urea, N-[[3-(2-chloro-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 847609-58-9 CAPLUS

CN Urea, N-[[4-(2-chloro-3-pyridinyl)phenyl]methyl]-N'-[4-chloro-3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$C1$$
  $CH_2-NH$   $C-NH$   $CI$ 

RN 847609-59-0 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(2-fluoro-3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

847609-60-3 CAPLUS

RN

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(2-fluoro-3-pyridinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847609-63-6 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-[5-(methylthio)-2-pyridinyl]phenyl]methyl]- (CA INDEX NAME)

RN 847609-65-8 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(2,6-dimethyl-3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{CH}_2 - \text{O} \\ \text{C} \\ \text{NH} \end{array}$$

RN 847609-67-0 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(5-methoxy-3-pyridinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847609-73-8 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(4-isoquinolinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847609-75-0 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[4-(4-isoquinolinyl)phenyl]methyl]- (CA INDEX NAME)

RN 847609-79-4 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(1H-pyrazol-4-yl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 847609-81-8 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [4-(1H-pyrazol-4-yl)phenyl]methyl ester (9CI) (CA INDEX NAME)

PAGE 2-A

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RN 847609-86-3 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-(2,5-dihydro-5-oxo-1H-tetrazol-1-yl)phenoxy]- (CA INDEX NAME)

RN 847609-93-2 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [4-(4-pyrimidinyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

IT 847606-70-6P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of anilines and related compds. as C-kit modulators)

RN 847606-70-6 CAPLUS

CN Acetamide, N-[4-chloro-3-(trifluoromethyl)phenyl]-2-[3-[4-(trimethylsilyl)-1H-1,2,3-triazol-1-yl]phenoxy]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

OS.CITING REF COUNT: 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD

(7 CITINGS)

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 30 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2005:136570 CAPLUS  $\underline{\text{Full-text}}$ 

DOCUMENT NUMBER: 142:212386

TITLE: Combination of mGluR2 antagonist and ache inhibitor

for treatment of acute and/or chronic neurological

disorders

INVENTOR(S): Ballard, Theresa Maria; Gatti McArthur, Silvia;

Goetschi, Erwin; Wichmann, Juergen; Woltering, Thomas

Johannes

PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.

SOURCE: PCT Int. Appl., 61 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE			
WO 2005014002	A1	20050217	WO 2004-EP8020	20040717			
W: AE, AG, A	, AM, AT,	AU, AZ, B.	BA, BB, BG, BR, BW,	BY, BZ, CA, CH,			
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GE, GH, G	I, HR, HU,	ID, IL, I	N, IS, JP, KE, KG,	KP, KR, KZ, LC,			
LK, LR, L	LT, LU,	LV, MA, M	MD, MG, MK, MN, MW,	MX, MZ, NA, NI,			
NO, NZ, O	I, PG, PH,	PL, PT, R	RO, RU, SC, SD, SE,	SG, SK, SL, SY,			
TJ, TM, T	TR, TT,	TZ, UA, U	JG, US, UZ, VC, VN,	YU, ZA, ZM, ZW			
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AU 2004262897	В9	20091217					
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EP 1651234	B1	20070926					

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PRIORIT:	APP:	LN.	INFO	.:					I	ΕP	2003	3-1	696	8	i	A 2	0030	725			
									1	ΜO	2004	l-E	P80.	20	1	√ 2	0040	717			

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 142:212386

AB The present invention relates to a method of treatment or prevention of acute and/or chronic neurol. disorders, to a pharmaceutical composition comprising an inhibitor of acetylcholinesterase (AChE inhibitor) and a metabotropic Glutamate receptor 2 antagonist (mGluR2 antagonist), to the use of an AChE inhibitor and a mGluR2 antagonist in the preparation of a medicament, and. to kits comprising an AChE inhibitor and a mGluR2 antagonist.

Dihydrobenzo[b][1,4]diazepin-2-one derivs. were prepared as mGluR2 antagonists.

IT 579476-79-2

RL: PRPH (Prophetic)

(Combination of mGluR2 antagonist and ache inhibitor for treatment of acute and/or chronic neurological disorders)

RN 579476-79-2 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD

(4 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 31 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2004:589417 CAPLUS Full-text DOCUMENT NUMBER: 141:140320

TITLE: A preparation of insecticidal piperidine and pyridine

derivatives

INVENTOR(S): Ding, Ping; Henrie, Robert H., II; Cohen, Daniel H.;

Lyga, John W.; Rosen, David S.; Theodoridis, George; Zhang, Qun; Yeager, Walter H.; Donovan, Stephen F.; Zhang, Steven Shunxiang; Shulman, Inna; Yu, Seong Jae; Wang, Guozhi; Zhang, Y. Larry; Gopalsamy, Ariamala;

Warkentin, Dennis L.; Rensner, Paul E.; Silverman, Ian R.; Cullen, Thomas G.

PATENT ASSIGNEE(S): FMC Corporation, USA SOURCE: PCT Int. Appl., 182 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PA.	TENT NO.		KIN	KIND DATE					ICAT	ION I		DATE					
WO	20040603	71	A1	2	00407	122	P	WO 2	003-	US38		2	0031				
		AG, AL															
		CO, CR															
		GH, GM															
		LR, LS															
	•	OM, PG													TJ,		
		TN, TR															
	RW: BW,																
		KG, KZ															
	•	FI, FR															
		BF, BJ														TG	
	20032963	08	A1	_	00407	/29	F.	AU 21	003-	2963	08		20031208				
EP	1572207		A1											0031			
		BE, CH													PT,		
		SI, LT										EE,			000		
	20030173		A		00511						20031208 20031208						
	1729178		A		00602		(	JN 21	003-	8010	6750	20031208					
CN	100400519 1744895 10038442	9	C	21	00807			~ ^	0 0 <b>0</b>	0000			_	0001	000		
CN	1744895		A	21	00603			JN 21	003-	8010	9445		2	0031	208		
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	20065161	T A B	21	00606			JP 2005-508561 CN 2007-10153751						0031				
	10113934	0	Α -	21	00803		_	JN 21	007-	1015	3751			0031			
	287544	400	В-	21	00710		TW 2003-92135801										
	2005DN02	490			00612		IN 2005-DN2490						20050609				
	214118	<b>.</b>	<b>A</b> 1 A		00802		_	0	005	4000	00050614						
	20050048				00604					4870	20050614						
	20050048		A		00604					4871	20050614						
	20050064	27	A A1	21	00509					6427		20050615					
	20060135	504			00606		ι	JS Z	005-	5389	98		2	0051	216		
	7300946	000	В2		00711		_			0 - 10			_	0000	04.0		
	20080090	828	A1	21	00804		ι	JS Z	00/-	8740	15		2	0071	01/		
	7683070	250	B2		01003		_		000	D370 E	^		0	0000			
	2008DN00		A		00802					DN37				0080			
	2008DN00	3/6	A	21	00808					DN37				0080			
	2008DN00		A		00808					DN37				0080			
	2008DN00		А	2	00808	315				DN37				0080			
PRIORIT	Y APPLN.	TNEO.:						JS 21	002-	434/	TΩL		P 2	0021	7 T Q		
										4950				0030			
										8010							
										US38				0031			
										DN24				0050			
							J	JS 2	005-	5389	98		A3 2	0051	216		

## MARPAT 141:140320

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

The invention relates to a preparation of insecticidal piperidine and pyridine AΒ derivs. of formula I [wherein: A is C or CH; B is substituted phenyl; C is 00-1; D is (CH2)0-3; E is a bridging group selected from (CR9R10)-(CR11R12)0-1, (CR9R10)-(CR11R12)0-10, C3H6, C(O), or C(S)NH, etc.; R1 is H, alkyl, alkoxyalkyl, or aryl; R2, R3, R4, R5, and R6 are independently selected from H, halogen, (halo/hydroxy)alkyl, alkylthio, CN, or NO2, etc.; R7 is (halo/hydroxy/alkoxy/dialkylamino)alkyl, sulfonatoalkyl, arylalkyl, or arylcarbonyl, etc.; R8 is H, (cyclo)alkyl, alkoxy, amino, morpholinyl, or indolyl, etc.; R9, R10, R11, and R12 are independently selected from H, alkyl, aryl, etc.]. Prepared compds. were evaluated for activity against tobacco budworm in a surface-treated diet test. For instance, piperidine derivative II (compound 101, insecticidal activity: 100% mortality, 100% growth inhibition) was prepared via elimination reaction of hydroxymethylpiperidine derivative III, N-benzylation of the obtained methylenepiperidine derivative IV by 4-nitrophenylmethyl bromide, subsequent reduction of the nitro-group, Ncarboxylation of the obtained amine V, and N-oxidation (example 1).

IT 726131-69-7P

CN

RL: AGR (Agricultural use); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of insecticidal piperidine and pyridine derivs.)

RN 726131-69-7 CAPLUS

Carbamic acid, [4-(trifluoromethyl)phenyl]-, [1,1'-biphenyl]-4-yl[1-[[4-(2-ethyl-2H-tetrazol-5-yl)phenyl]methyl]-4-piperidinyl]methyl ester (9CI) (CA INDEX NAME)

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD (1 CITINGS)

L4 ANSWER 32 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2004:566609 CAPLUS Full-text

DOCUMENT NUMBER: 141:123608

TITLE: Preparation of pyrrolopyridinones as mitogen activated

protein kinase-activated protein kinase-2 inhibiting

compounds

INVENTOR(S): Anderson, David R.; Mahoney, Matthew W.; Phillion,

Dennis P.; Rogers, Thomas E.; Meyers, Marvin J.; Poda,

Gennadiy; Hegde, Shridhar G.; Singh, Megh; Reitz, David B.; Wu, Kun K.; Buchler, Ingrid P.; Xie, Jin;

Vernier, William F.

PATENT ASSIGNEE(S): Pharmacia Corporation, USA SOURCE: PCT Int. Appl., 573 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PA.	KIND DATE					APPL	ICAT	ION	DATE										
WO	2004		A1 20040715					WO 2	 003_	 US40		20031219							
	W: AE, AG, AL,			AM,	AT,	ΑU,	AZ,	BΑ,	BB,	BG,	BR,	BW,	BY,	BΖ,	CA,	CH,			
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,		
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JΡ,	ΚE,	KG,	KP,	KR,	KΖ,	LC,		
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NI,	NO,		
		NZ,	OM,	PG,	PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	SY,	TJ,		
		TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW			
	RW:	BW,	GH,	GM,	ΚE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,		
		BY,	KG,	KΖ,	MD,	RU,	ТJ,	TM,	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,		
		ES,	FΙ,	FR,	GB,	GR,	HU,	ΙE,	ΙT,	LU,	MC,	NL,	PT,	RO,	SE,	SI,	SK,		
		TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	ΤG	
CA	2509	565			A1		2004	0715		CA 2	003-	2509	565		2	0031	219		
WO	2004	0587	62		A1			0715							2	0031	219		
	w:	ΑE,	AG,	AL,	AM,	AT,	ΑU,	AZ,	ΒA,	BB,	BG,	BR,	BW,	ΒY,	ΒZ,	CA,	CH,		
		CN,	CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FΙ,	GB,	GD,		
		GE,	GH,	GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KΖ,	LC,		
		LK,	LR,	LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NI,	NO,		
							PT,												
		TM,	TN,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,	VC,	VN,	YU,	ZA,	ZM,	ZW			
	RW:	BW,	GH,	GM,	ΚE,	LS,	MW,	MΖ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,		
		BY,	KG,	KΖ,	MD,	RU,	ТJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,		
		ES,	FΙ,	FR,	GB,	GR,	HU,	ΙE,	ΙT,	LU,	MC,	NL,	PT,	RO,	SE,	SI,	SK,		
		TR,	BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	ΤG	
AU	2003	2974	31		A1		2004	0722		AU 2	003-	2974	31		2	0031	219		
US	2004	0152	739		A1		2004			US 2					2	0031	219		
US	2004	0209	897		A1		2004	1021		US 2	003-	7420	72		2	0031	219		
EP	1572	693			A1		2005	0914		EP 2					20031219				
	R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	ΙΤ,	LI,	LU,	NL,	SE,	MC,	PT,		
		ΙE,	SI,	LT,	LV,	FΙ,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	HU,	SK			
BR	2003	0174	30		A		2005	1025		BR 2	003-	1743	0		2	0031	219		
CN	1747	949			A		2006	0315		CN 2	003-	8010	9626		2	0031	219		
JP	2006	5140	43		T		2006	0427		JP 2	004-	5638	88		2	0031	219		
ZA	2005	0048	98		A		2006	1129		ZA 2	005-	4898			2	0031	219		
MX	2005	0065	69		A		2005	0922		MX 2	005-	6569			2	0050	617		
US	2008	0113	971		A1		2008	0515		US 2	007-	9582	29		2	0071	217		
RIORIT	Y APP	LN.	INFO							US 2					P 2	0021	220		
										US 2	003-	7424	94		A1 2	0031	219		
										WO 2					W 2	0031	219		
THER SO	OURCE	(S):			MAR	PAT	141:	1236	8 0										

OTHER SOURCE(S): MARPAT 141:123608

GI

The title compds. [I; Z1, Z3, Z4 = C, N; Z2, Z5 = C, N, S, O, and join AΒ together with Z1, Z3 and Z4 to form a ring that is selected from a pyrrole, furan, thiophene, oxazole, thiazole, triazole, and imidazole; when either Z2, or Z5 = O or S, it has no substituent group; when Z1-Z5 form an imidazole ring, Z1 = C and if Z2 and Z5 = N, one is unsubstituted and Z3 and Z4 = C, if Z3 and Z5 = N, Z5 is unsubstituted and Z2 and Z4 = C, and if Z2 and Z4 = N, Z2is unsubstituted and Z3 and Z5 = C; when Z1-Z5 form an oxazole or thiazole ring, Z1, Z3 and Z4 = C and one of Z2 and Z5 = N that is unsubstituted; when Z1-Z5 form a triazole ring, Z2 and Z5 = X0 that is unsubstituted; X1 = X2, X3 = X4. 0-3; X = C, S; Ra = (un)substituted 5-6 membered hetero(aryl) or partially unsatd. 5-6 membered ring; R2, R5, R50-R53, R56 = absent, H, alkyl, aryl, etc.; R54, R55 = oxo, absent] which inhibit mitogen activated protein kinaseactivated protein kinase-2 (MK-2), were prepared Thus, reacting 2-(2chloropyridin-4-yl)-1,5,6,7-tetrahydro-4H-pyrrolo[3,2-c]pyridin-4-one (preparation given) with 3-thiopheneboronic acid in the presence of Cs2CO3, Pd(PPh3)4 in DMF afforded 57% II.TFA. The compds. I were tested for MK-2 inhibition activity (biol. data given for over 800 compds). Methods of using compds. I for the inhibition of MK-2, and for the prevention or treatment of a disease or disorder that is mediated by  ${\tt TNF}\alpha$ , are described, where the method involves administering to the subject an MK-2 inhibiting compound I. Therapeutic compns., pharmaceutical compns. and kits which contain the present MK-2 inhibiting compds. I are also described. [This abstract record is one of 2 records for this document necessitated by the large number of index entries required to fully index the document and publication system constraints.] 724730-68-1P ΙT 724730-57-8P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of pyrrolopyridinones as mitogen activated protein kinase-activated protein kinase-2 inhibiting compds. for preventing or treating a  $\textsc{TNF}\alpha$  mediated diseases)

RN 724730-57-8 CAPLUS

CN Acetamide, 2-[2-methoxy-4-[4-(4,5,6,7-tetrahydro-4-oxo-1H-pyrrolo[3,2-c]pyridin-2-yl)-2-pyrimidinyl]phenoxy]-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN

CN Acetamide, 2-[2-ethoxy-4-[4-(4,5,6,7-tetrahydro-4-oxo-1H-pyrrolo[3,2-c]pyridin-2-yl)-2-pyrimidinyl]phenoxy]-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L4 ANSWER 33 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2003:892800 CAPLUS Full-text

DOCUMENT NUMBER: 139:395950

TITLE: Preparation of substituted pyrazines as protein kinase

modulators

INVENTOR(S): Buhr, Chris A.; Baik, Tae-Gon; Ma, Sunghoon; Tesfai,

Zerom; Wang, Longcheng; Co, Erick Wang; Epshteyn, Sergey; Kennedy, Abigail R.; Chen, Baili; Dubenko, Larisa; Anand, Neel Kumar; Tsang, Tsze H.; Nuss, John M.; Peto, Csaba J.; Rice, Kenneth D.; Ibrahim, Mohamed Abdulkader; Schnepp, Kevin Luke; Shi, Xian; Leahy, James William; Chen, Jeff; Dalrymple, Lisa Esther; Forsyth, Thimothy Patrick; Huynh, Tai Phat; Mann, Grace; Mann, Lary Wayne; Takeuchi, Craig Stacy

PATENT ASSIGNEE(S): Exelixis, Inc., USA SOURCE: PCT Int. Appl., 468 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KI						D	DATE		•	APPL		ION		DATE				
	2003				A2		2003	1113	,	WO 2								
WO	2003	0932	93297 A3				2004	0701										
	W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	AZ,	BA,	BB,	BG,	BR,	BY,	BZ,	CA,	CH,	CN,	
		СО,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	
		GM,	HR,	HU,	ID,	ΙL,	IN,	IS,	JP,	ΚE,	KG,	KP,	KR,	KΖ,	LC,	LK,	LR,	
		LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MΖ,	NΙ,	NO,	NZ,	OM,	
		PH,	PL,	PT,	RO,	RU,	SC,	SD,	SE,	SG,	SK,	SL,	ТJ,	TM,	TN,	TR,	TT,	
		TZ,	UA,	UG,	US,	UΖ,	VC,	VN,	YU,	ZA,	ZM,	ZW						
	RW:	GH,	GM,	ΚE,	LS,	M₩,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,	
		KG,	KΖ,	MD,	RU,	ТJ,	TM,	ΑT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	
		FΙ,	FR,	GB,	GR,	HU,	ΙE,	IT,	LU,	MC,	NL,	PT,	RO,	SE,	SI,	SK,	TR,	
		BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG	
CA	2484	209			A1		2003	1113		CA 2	003-	2484	209		2	0030	502	
ΑU	2003	2344	64		A1		2003	1117		AU 2	003-	2344	64		20030502			
AU	2003	2344	64		В2		20090604											
EP	1501	514			A2		2005	20050202 EP 2003-728690				90	20030502					
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	IT,	LI,	LU,	NL,	SE,	MC,	PT,	

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK JP 2004-501436 JP 2005530760 T 20051013 20030502 US 20060211709 A1 20060921 US 2005-513081 20050727 US 7704**99**5 В2 20100427 PRIORITY APPLN. INFO.: US 2002-377933P P 20020503 WO 2003-US13869 W 20030502

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 139:395950

GΙ

This invention relates to compds. I [R1 = H, halo, CN, etc.; R2, R3 = H, AΒ alkyl, aryl, etc.; R4 = H, alkyl, aryl, etc.; Z = N, CH; A = CO, CS, C(:NR6), R7 (when A = R7, E does not exist); R6 = H, NO2, CN, etc.; R7 = (un)substituted 5-7 membered heterocyclyl; E = NR8R9, NNR2R3, OR4, etc.; R8 = H, alkyl; R9 = H, heteroarylalkyl, etc.; NR8R9 = (un)substituted 5-7 membered heteroalicyclyl; W = 6-10 membered arylene, 5-10 membered heteroarylene; X = abond, (un) substituted alkylene, O(CH2)2-30, etc.; Y = H, alkyl, aryl, etc.; with provisos] for modulating protein kinase enzymic activity for modulating cellular activities such as proliferation, differentiation, programmed cell death, migration and chemoinvasion, and to pharmaceutical compns. containing such compds. Even more specifically, the invention relates to compds. I that inhibit, regulate and/or modulate kinases, particularly Checkpoint Kinases, even more particularly Checkpoint Kinase 1, or Chk1. Preparation of representative compds. I is described. Thus, amidation of 3-amino-6phenylpyrazinecarboxylic acid (preparation given) with benzylamine afforded 67% 3-amino-6-phenyl-N-(phenylmethyl)pyrazine-2-carboxamide which showed IC50 of 10,000 nM or greater against Chk1. Table presenting activity data with respect to Chk1 for over 1000 compds. I is given. Methods of therapeutically or prophylactically using the compds. I and compns. to treat kinase-dependent diseases and conditions are also an aspect of the invention, and include methods of treating cancer, as well as other disease states associated with unwanted angiogenesis and/or cellular proliferation, by administering effective amts. of such compds.

IT 625468-71-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of protein kinase modulators)

RN 625468-71-5 CAPLUS

CN 2-Pyrazinecarboxamide, 3-amino-N-(3S)-3-piperidinyl-6-[3-[[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]phenyl]- (CA INDEX NAME)

Absolute stereochemistry.

OS.CITING REF COUNT: 14 THERE ARE 14 CAPLUS RECORDS THAT CITE THIS RECORD (15 CITINGS)

L4 ANSWER 34 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2003:633697 CAPLUS Full-text

DOCUMENT NUMBER: 139:180090

TITLE: Preparation of dihydrobenzodiazepin-2-ones as

metabotropic glutamate receptor antagonists for the

treatment of neurological disorders

INVENTOR(S): Adam, Geo; Goetschi, Erwin; Wichmann, Juergen;

Woltering, Thomas Johannes

PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.

SOURCE: PCT Int. Appl., 323 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.					KIND		DATE		APPLICATION NO.					DATE			
WO 2003066623				A1 20030814			WO 2003-EP859				20030128						
	W:	ΑE,	AG,	AL,	AM,	AT,	AU,	ΑZ,	BA,	BB,	BG,	BR,	BY,	BZ,	CA,	CH,	CN,
		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH,
		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KP,	KR,	KΖ,	LC,	LK,	LR,
		LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	OM,	PH,
		PL,	PT,	RO,	RU,	SD,	SE,	SG,	SK,	SL,	ΤJ,	TM,	TN,	TR,	TT,	TZ,	UA,
		UG,	UZ,	VN,	YU,	ZA,	ZM,	ZW									
	RW:	GH,	GM,	KE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	AZ,	BY,
		KG,	KΖ,	MD,	RU,	ТJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,
		FI,	FR,	GB,	GR,	HU,	IE,	ΙΤ,	LU,	MC,	NL,	PT,	SE,	SI,	SK,	TR,	BF,
		ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	ΤG	
TW 296622			В		20080511			TW 2002-91105209					20020319				
US 20030166639				A1		20030904 US 2003-350713						20030124					
US	US 6949542					2 20050927											
CA 2474219				A1	A1 20030814			CA 2003-2474219					20030128				
CA 2474219					С	20100413											
AU 2003205695				A1	20030902				AU 2003-205695					20030128			
AU 2003205695				В2	B2 20080403												
BR 2003007474			A		20041109				BR 2003-7474				20030128				
EP 1474416			A1		2004	1110		EP 2003-702549				20030128					
EP	EP 1474416				В1		20070926										
	R:	ΑT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	ΙΤ,	LI,	LU,	NL,	SE,	MC,	PT,
		IE,	SI,	LT,	LV,	FΙ,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	HU,	SK	
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CN 100497333					С		20090610										

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JP 40	77411	В2	20080416				
NZ 534	4122	A	20061222	NZ	2003-534122		20030128
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PT 14	74416	E	20071227	PT	2003-702549		20030128
RU 231	15764	C2	20080127	RU	2004-126945		20030128
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HR 200	04000678	A2	20051031	HR	2004-678		20040723
ZA 200	04006032	A	20051012	ZA	2004-6032		20040728
NO 200	04003237	A	20040802	ИО	2004-3237		20040802
NO 32	7697	B1	20090914				
MX 200	04007516	A	20041110	MX	2004-7516		20040803
IN 200	04CN01700	A	20060224	IN	2004-CN1700		20040803
IN 210	0045	A1	20071214				
HK 10	78858	A1	20091204	HK	2005-110731		20051125
PRIORITY A	PPLN. INFO.:			EΡ	2002-2012	Α	20020206
				WO	2003-EP859	$\mathbb{W}$	20030128

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 139:180090
GI

$$R^1 = X$$
 $R^2$ 
 $NH = 0$ 
 $R^3$ 

AΒ This invention relates to dihydrobenzo[b][1,4]diazepin-2-ones (shown as I; variables defined below; e.g. 7,8-dichloro-4-[3-(pyridin-3-y1)pheny1]-1,3dihydrobenzo[b][1,4]diazepin-2-one). The invention further relates to medicaments containing these compds., a process for their preparation as well as their use for preparation of medicaments for the treatment or prevention of acute and/or chronic neurol. disorders, e.g. Alzheimer's disease. Three examples of pharmaceutical compns. containing I are included. Ki values for 50 examples of I as metabotropic glutamate receptor antagonists are tabulated, e.g.  $0.00135 \mu M$  for 7.8-dichloro-4-(3-pyridin-3-ylphenyl)-1.3dihydrobenzo[b][1,4]diazepin-2-one. More than 400 example prepns. of I and many example prepns. of intermediates are included. For example, 7,8dichloro-4-[3-(pyridin-3-yl)phenyl]-1,3-dihydrobenzo[b][1,4]diazepin-2- one (310 mg) was prepared from 4,5-dichlorophenylenediamine (0.97 mmol) and 3-oxo-3-[3-(pyridin-3-y1)phenyl]propionic acid tert-Bu ester (0.97 mmol) by refluxing in xylene. For I: X is a single bond or an ethynediyl group; and wherein in case X is a single bond, R1 is H, cyano, halogen, lower alkyl, lower alkoxy, fluoro-lower alkyl, fluoro-lower alkoxy, pyrrol-1-yl, or Ph, which is (un)substituted by one or two substituents halogen, lower alkyl or fluoro-lower alkyl; or in case X is an ethynediyl group, R1 is Ph, which is (un) substituted by one or two substituents halogen, lower alkyl or fluorolower alkyl. R2 is H, lower alkyl, lower alkenyl lower alkoxy, halogen, -NR'R'', pyrrolidin-1-yl, piperidin-1-yl, morpholin-4-yl, fluoro-lower alkyl, fluoro-lower alkoxy, or lower alkoxy(ethoxy)m; m = 1-4; R' is H, lower alkyl or C3-C6-cycloalkyl; R'' is H, lower alkyl or C3-C6-cycloalkyl; Y is -CH= or

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=N-; R3 is a six-membered aromatic heterocycle containing 1 to 3-N atoms or a
        pyridine N-oxide, which rings are (un) substituted by one or two substituents
        halogen, fluoro-lower alkyl, fluoro-lower alkoxy, cyano, amino, lower
        alkylamino, lower alkoxy-lower alkylamino, lower hydroxy-lower alkylamino, -
        (CH2)n-C(0)-OR'', -(CH2)n-C(0)-NR'R'', -(CH2)n-SO2-NR'R'', -(CH2)n-C(NH2):NR'', hydroxy, lower alkylthio, C3-C6-cycloalkyl and
        lower alkyl, which is (un) substituted by fluoro, -NR'R'', hydroxy, lower
        alkoxy, pyrrolidin-1-yl, azetidin-1-yl, cyano or carbamoyloxy; n = 0-4.
ΙT
        579476-79-29, [5-Dimethylamino-2-[[3-0x0-3-[3-(pyridin-3-
       v1) phenyl|propionyl|amino|-4-trifluoromethylphenyl|carbamic acid
                                     579476-80-5P,
       tert-butyl ester
        [5-Dimethylamino-2-[[3-oxo-3-[3-(pyridin-4-yl)phenyl]propionyl]amino]-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579476-81-6P, [5-Dimethylamino-2-[[3-oxo-3-[3-(pyridin-2-
       yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
       tert-butyl ester
                                     579476-85-0P,
       [2-[3-(3-(6-Methylpyridin-3-y1)phenyl]-3-oxopropionyl]amino]-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579476-86-1P, [5-Dimethylamino-2-[[3-[3-(6-methylpyridin-3-
       yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
       tert-butyl ester
                                   579476-89-4P,
        [5-Dimethylamino-2-[[3-[3-(2-methylpyridin-3-yl)phenyl]-3-
       oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
       579476-90-7P, [2-[[3-[3-(6-Methylpyridazin-3-yl)phenyl]-3-
       oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
       579476-92-9P, [5-Dimethylamino-2-[[3-[3-(6-methylpyridazin-3-
       yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
                                      579476-94-1P,
       tert-butyl ester
        [2-[3-(3-(2-Methylpyridin-3-y1)phenyl]-3-oxopropionyl]amino]-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
        579476-97-4P, [2-[[3-0xo-3-[3-(pyridin-4-
       yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
       tert-butyl ester 579477-03-5P,
        [4-Methyl-2-[[3-oxo-3-[3-(pyridin-3-yl)phenyl]propionyl]amino]-5-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579477-05-7P, [2-[[3-0xo-3-[3-(pyridin-3-
       yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
       tert-butyl ester
                                     579477-08-0P,
        [2-[[3-0xo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-0xo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-0xo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-0xo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-0xo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-0xo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-0xo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-0xo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-0xo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-y1)pheny1]amino]-5-(2,2,2-[3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(pyridin-3-(p
       trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
       579477-11-5P, [2-[[3-0xo-3-[3-(pyridin-2-
       yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
       tert-butyl ester
                                     579477-13-7P,
        [5-Methoxy-2-[[3-oxo-3-[3-(pyridin-4-yl)phenyl]propionyl]amino]-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579477-14-8P, [5-Ethoxy-2-[[3-oxo-3-[3-(pyridin-4-
       v1)phenv1|propionv1|amino|-4-trifluoromethylphenv1|carbamic acid
       tert-butyl ester
                                      579477-15-9P,
        [2-[3-0xo-3-[3-(pyridin-4-y1)pheny1]propiony1]amino]-5-(2,2,2-1)
       trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
       579477-18-2P, [5-Dimethylamino-2-[[3-[3-(6-methoxypyridazin-3-
       yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
       tert-butyl ester
                                    579477-20-6P,
        [5-Methoxy-2-[[3-oxo-3-[3-(pyridin-2-y1)pheny1]propiony1]amino]-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579477-21-7P, [5-Ethoxy-2-[[3-oxo-3-[3-(pyridin-2-
       yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
       tert-butvl ester 579477-23-9P,
        [2-[[3-0xo-3-[3-(pyridin-2-y1)pheny1]propiony1]amino]-5-(2,2,2-1)
       trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
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579477-25-1P, [5-Methyl-2-[[3-oxo-3-[3-(pyridin-2-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 579477-26-2P,
[5-Dimethylamino-2-[[3-[3-(2,6-dimethylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-28-4P, [5-Methyl-2-[[3-oxo-3-[3-(pyridazin-4-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
                             579477-29-5P,
tert-butyl ester
[2-[3-(3-(6-Methoxypyridin-3-y1)pheny1]-3-oxopropiony1]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-40-09, [5-Ethoxy-2-[[3-[3-(2-methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-42-2P, [5-[(Cyclopropyl)(methyl)amino]-2-[[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-oxo-3-[3-o
(pyridin-3-yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic
acid tert-butyl ester
                                     579477-43-3P,
[5-Isobutylamino-2-[[3-oxo-3-[3-(pyridin-4-yl)phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-45-5P, [5-Methyl-2-[[3-oxo-3-[3-(pyridin-4-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                             579477-47-7P,
[4-Methyl-2-[[3-oxo-3-[3-(pyridin-4-yl)phenyl]propionyl]amino]-5-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-53-5P, [5-Chloro-2-[[3-oxo-3-[3-(pyridin-4-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 579477-61-5P,
[5-Methyl-2-[3-(3-(2-methylpyridin-4-v1)phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-62-6P, [2-[[3-[3-(2-Methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-64-8P, [4-Methyl-2-[[3-[3-(2-methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-65-9P, [5-Dimethylamino-2-[[3-[3-(2-methylpyridin-4-
yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                           579477-67-1P,
[5-[(Methyl)(propyl)amino]-2-[[3-[3-(2-methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-68-29, [5-[(Methyl)(propyl)amino]-2-[[3-oxo-3-[3-(pyridin-4-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
                             579477-69-3P,
tert-butyl ester
[5-Chloro-2-[[3-[3-(2-methylpyridin-4-yl)phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-73-9P, [5-Dimethylamino-2-[[3-oxo-3-[3-(pyrimidin-5-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                             579477-75-1P,
[5-Methyl-2-[[3-oxo-3-[3-(pyrazin-2-yl)phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-76-2P, [2-[[3-0xo-3-[3-(pyrazin-2-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                           579477-77-3P,
[5-Dimethylamino-2-[[3-oxo-3-[3-(pyrazin-2-yl)phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-78-4P, [5-Chloro-2-[[3-oxo-3-[3-(pyrazin-2-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                             579477-80-8P,
[4-Methyl-2-[[3-oxo-3-[3-(pyrazin-2-yl)phenyl]propionyl]amino]-5-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-82-6P, [5-Chloro-2-[[3-oxo-3-[3-(pyrimidin-5-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 579477-84-2P,
[5-Methyl-2-[[3-oxo-3-[3-(pyrimidin-5-y1)phenyl]propionyl]amino]-4-
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trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-85-3P, [5-[(Methyl)(propyl)amino]-2-[[3-oxo-3-[3-(pyrimidin-
5-yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 579477-86-4P,
[4-Chloro-2-[[3-[3-(2-methylpyridin-4-yl)phenyl]-3-oxopropionyl]amino]-5-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-87-5P, [4-Chloro-2-[[3-oxo-3-[3-(pyridin-4-
v1)phenyl|propionyl|amino|-5-trifluoromethylphenyl|carbamic acid
tert-butyl ester
                  579477-88-6P,
[5-[(Methyl)(propyl)amino]-2-[[3-oxo-3-[3-(pyrazin-2-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
                  579477-92-2P,
tert-butyl ester
[4-Methyl-2-[[3-oxo-3-[3-(pyrimidin-5-yl)phenyl]propionyl]amino]-5-yl)
trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-93-3F, [4-Chloro-2-[[3-oxo-3-[3-(pyridin-2-
yl)phenyl|propionyl|amino|-5-trifluoromethylphenyl|carbamic acid
tert-butyl ester
                  579477-96-6P,
[4-Chloro-2-[[3-oxo-3-[3-(pyrazin-2-yl)phenyl]propionyl]amino]-5-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-97-7P, [4-Chloro-2-[[3-oxo-3-[3-(pyrimidin-5-
yl)phenyl]propionyl]amino]-5-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                  579477-98-8P,
[2-[[3-0xo-3-[3-(pyrazin-2-y1)pheny1]propiony1]amino]-5-(2,2,2-
trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579477-99-9P, [4-Chloro-2-[[3-oxo-3-[3-(pyridin-3-
yl)phenyl|propionyl|amino|-5-trifluoromethylphenyl|carbamic acid
tert-butyl ester
                  579478-00-5P,
trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-93-8P, [2-[[3-[3-(2,6-Dimethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                 579478-04-9P,
[2-[3-[3-(2,6-Dimethylpyridin-4-y])phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-05-0P, [2-[[3-[3-(2,6-Dimethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-4-methyl-5-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                  579478-06-1P,
[5-Chloro-2-[3-[3-(2,6-dimethylpyridin-4-yl)phenyl]-3-oxopropionyl]amino]-
4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-08-3P, [4-Chloro-2-[[3-[3-(2,6-dimethylpyridin-4-yl)phenyl]-
3-oxopropionyl]amino]-5-trifluoromethylphenyl]carbamic acid tert-butyl
       579478-09-4P, [2-[[3-[3-(2,6-Dimethylpyridin-4-
y1)pheny1]-3-oxopropiony1]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-30-78, [5-Ethoxy-2-[[3-[3-(2,6-dimethylpyridin-4-yl)phenyl]-
3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl
ester 579478-12-9P, [5-Methyl-2-[[3-[3-(6-methylpyrazin-2-
yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 579478-13-0P,
[4-Methyl-2-[[3-[3-(6-methylpyrazin-2-yl)phenyl]-3-oxopropionyl]amino]-5-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-18-5P, [2-[[3-[3-(2,5-Dimethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 579478-19-6P,
[5-Chloro-2-[[3-[3-(2,5-dimethylpyridin-4-y1)pheny1]-3-oxopropiony1]amino]-
4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-20-9P, [2-[[3-[3-(2,5-Dimethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-21-9P, [5-Ethoxy-2-[[3-[3-(2,5-dimethylpyridin-4-y1)pheny1]-
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3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl
       579478-23-2P, [2-[[3-[3-(2,3-Dimethylpyridin-4-
yl)phenyl]-3-oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic
acid tert-butyl ester 579478-24-3P,
[2-[3-(3-(3,3-Dimethylpyridin-4-y1)pheny1]-3-oxopropiony1]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-25-4F, [5-Chloro-2-[[3-[3-(2,3-dimethylpyridin-4-yl)phenyl]-
3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl
        579478-26-5P, [2-[3-[3-(2,3-Dimethylpyridin-4-
v1) phenv1]-3-oxopropionv1]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-27-69, [5-Ethoxy-2-[[3-[3-(2,3-dimethylpyridin-4-yl)phenyl]-
3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl
       579478-29-8P, [2-[[3-[3-(5-Ethyl-2-methylpyridin-4-
yl)phenyl]-3-oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic
acid tert-butyl ester 579478-30-1P,
[2-[[3-[3-(5-Ethyl-2-methylpyridin-4-yl)phenyl]-3-oxopropionyl]amino]-4-[3-[3-(5-Ethyl-2-methylpyridin-4-yl)phenyl]-3-oxopropionyl]
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-31-29, [2-[[3-[3-(5-Ethyl-2-methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-32-3P, [5-Ethoxy-2-[[3-[3-(5-ethyl-2-methylpyridin-4-
yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                   579478-34-5P,
[2-[3-(3-(2-Ethylpyridin-4-y1)phenyl]-3-oxopropionyl]amino]-5-methyl-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-35-6P, [2-[[3-[3-(2-Ethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-36-79, [5-Chloro-2-[[3-[3-(2-ethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-37-8P, [2-[[3-[3-(2-Ethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-38-9P, [5-Ethoxy-2-[[3-[3-(2-ethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-39-09, [5-Dimethylamino-2-[[3-[3-(6-methylpyridin-2-
yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                  579478-45-8P,
[2-[[3-[3-(6-Cyclopropylpyridin-3-yl)phenyl]-3-oxopropionyl]amino]-5-
(2,2,2-trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl
       579478-46-9P, [2-[[3-[3-(6-Cyclopropylpyridin-3-
ester
yl)phenyl]-3-oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic
acid tert-butyl ester 579478-47-0P,
[2-[3-(3-(6-Methoxypyridin-3-y1)pheny1]-3-oxopropiony1]amino]-5-methyl-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-49-2P, [2-[[3-[3-(6-Methoxypyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-50-5P, [2-[[3-[3-(6-Cyclopropylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-51-6P, [5-Methyl-2-[[3-oxo-3-[3-(pyridin-3-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                  579478-52-7P,
[5-Methoxy-2-[[3-oxo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-58-3F, [2-[[3-[3-(6-Isopropylpyridin-3-y1)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579478-59-4F, [2-[[3-[3-(6-Isopropylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
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579478-61-8P, [2-[[3-[3-(6-Isopropylpyridin-3-yl)phenyl]-3-
       oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid
       tert-butyl ester
                                     579478-64-1P,
       [5-Chloro-2-[[3-oxo-3-[3-(pyridin-3-yl)phenyl]propionyl]amino]-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579478-65-2P, [5-Ethoxy-2-[[3-oxo-3-[3-(pyridin-3-
       yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
       tert-butyl ester
                                     579478-68-5P,
       [2-[3-0xo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-pyrrolidin-1-yl-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579478-69-6P, [5-(Morpholin-4-yl)-2-[[3-oxo-3-[3-(pyridin-3-yl)-2-([3-oxo-3-[3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin-3-yl)-3-(pyridin
       y1)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
       tert-butyl ester
                                     579478-71-0P.
       [5-Ethoxy-2-[3-[3-(6-ethylpyridin-3-y1)pheny1]-3-oxopropiony1]amino]-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579478-72-19, [2-[3-[3-(6-Ethylpyridin-3-y1)pheny1]-3-
       oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
       579478-73-2P, [2-[[3-[3-(6-Ethylpyridin-3-yl)phenyl]-3-
       oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid
                                     579478-74-3P,
       tert-butyl ester
       [2-[3-[3-(6-Ethylpyridin-3-y1)phenyl]-3-oxopropionyl]amino]-5-(2,2,2-1)
       trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
       579478-75-4P, [5-Cyclopropylmethoxy-2-[[3-oxo-3-[3-(pyridin-3-
       yl)phenyl|propionyl|amino|-4-trifluoromethylphenyl|carbamic acid
                                      579478-76-5P,
       tert-butyl ester
        [5-Cyclopropylmethoxy-2-[[3-[3-(2-methylpyridin-4-yl)phenyl]-3-
       oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
       579478-77-6P, [5-Cyclopropylmethoxy-2-[[3-[3-(6-cyclopropylpyridin-
       3-yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
       tert-butvl ester
                                    579478-79-8P,
       [2-[3-3-(2-Cyanopyridin-4-y1)pheny1]-3-oxopropiony1]amino]-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579478-80-1P, [2-[[3-[3-(2-Cyanopyridin-4-yl)phenyl]-3-
       oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid
                                      579478-86-7P,
       tert-butyl ester
       [2-[[3-[3-(6-Cyanopyridin-3-yl)phenyl]-3-oxopropionyl]amino]-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579478-88-9P, [2-[[3-0xo-3-[3-(pyridazin-3-
       yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
       tert-butyl ester 579478-34-7P,
        [5-(2-Methoxyethoxy)-2-[[3-oxo-3-[3-(pyridin-3-y1)phenyl]propionyl]amino]-
       4-trifluoromethylphenyl]carbamic acid tert-butyl ester
       579478-96-9P, [2-[[3-[3-(2-Cyanopyridin-4-y1)pheny1]-3-
       oxopropionyl]amino]-5-(2-methoxyethoxy)-4-trifluoromethylphenyl]carbamic
       acid tert-butyl ester 579478-98-1P,
        [2-[3-(3-(2-Cyanopyridin-4-y1)pheny1]-3-oxopropiony1]amino]-5-ethy1-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579479-00-3P
, [5-\text{Ethyl}-2-[[3-\infty o-3-[3-(\text{pyridin}-3-\text{yl})\text{phenyl}]\text{propionyl}]\text{amino}]-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579479-06-4P, [2-[[3-0xo-3-[3-(pyridin-3-
       yl)phenyl]propionyl]amino]-4-trifluoromethyl-5-vinylphenyl]carbamic acid
       tert-butyl ester
                                     579479-08-6P,
       [2-[[3-0xo-3-[3-(pyridin-3-y1)pheny1]propiony1]amino]-5-propoxy-4-
       trifluoromethylphenyl]carbamic acid tert-butyl ester
       579479-10-09, [2-[[3-[3-(6-Cyclopropylpyridin-3-yl)phenyl]-3-
       oxopropionyl]amino]-5-propoxy-4-trifluoromethylphenyl]carbamic acid
                                     579479-12-2P,
       tert-butyl ester
       [2-[3-(3-(6-Dimethylaminopyridin-3-y1)pheny1]-3-oxopropiony1]amino]-5-
       methyl-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
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579479-14-49, [2-[[3-[3-(6-Dimethylaminopyridin-3-y1)pheny1]-3-
oxopropiony1]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-16-6P, [2-[[3-[3-(2,6-Dimethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-propoxy-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                  579479-18-8P,
[2-[3-(3-(2-Cyclopropylpyridin-3-y1)pheny1]-3-oxopropiony1]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-20-29, [2-[[3-[3-(2-Cyclopropylpyridin-3-y1)pheny1]-3-
oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid
                  579479-22-4P,
tert-butyl ester
[2-[3-(3-(3-Methylpyridin-4-yl)phenyl]-3-oxopropionyl]amino]-5-propyl-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-24-6F, [5-Ethyl-2-[[3-[3-(2-methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-26-69, [2-[[3-[3-(6-Cyclopropylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-propyl-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                 579479-28-0P,
[2-[[3-[3-(6-Cyclopropylpyridin-3-yl)phenyl]-3-oxopropionyl]amino]-5-ethyl-
4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-30-4P, [2-[[3-[3-(4-Methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-32-6P, [2-[[3-[3-(2-Cyclopropylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-ethoxy-4-trifluoromethylphenyl]carbamic acid
                  579479-34-8P,
tert-butyl ester
[2-[3-(3-(3,6-Dimethylpyridin-4-y1)pheny1]-3-oxopropiony1]amino]-5-ethyl-
4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-36-9P, [2-[[3-[3-(2,6-Dimethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-propyl-4-trifluoromethylphenyl]carbamic acid
tert-butvl ester
                  579479-38-2P,
[2-[[3-0xo-3-[3-(pyridin-3-y1)phenyl]propionyl]amino]-5-propyl-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-40-6P, [5-Ethoxy-2-[[3-[3-(4-methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-42-8P, [2-[[3-[3-(4-Methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-44-0P, [5-Methyl-2-[[3-[3-(4-methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-46-2P, [2-[[3-[3-(2-Ethylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid
                  579479-48-4P,
tert-butyl ester
[5-Ethoxy-2-[[3-[3-(2-ethylpyridin-3-y1)phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-50-8£, [2-[[3-[3-(2-Ethylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-52-0P, [5-Methyl-2-[[3-[3-(6-methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-54-2P, [5-Ethoxy-2-[[3-[3-(6-methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-56-4P, [2-[[3-[3-(6-Methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-58-6P, [2-[[3-[3-(2,6-Dimethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-fluoro-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                  579479-60-0P,
[2-[3-(3-(3,6-Dimethylpyridin-4-y1)pheny1]-3-oxopropiony1]amino]-4-
trifluoromethyl-5-vinylphenyl]carbamic acid tert-butyl ester
579479-62-2P, [5-(2-Methoxyethoxy)-2-[[3-[3-(2-methylpyridin-4-
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yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                            579479-64-4P,
[2-[3-(3-(3,6-Dimethylpyridin-4-y1)pheny1]-3-oxopropiony1] amino]-5-(2-
methoxyethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-67-7P, [2-[[3-[3-(2-Methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethyl-5-vinylphenyl]carbamic acid
tert-butyl ester
                            579479-69-9P,
[2-[3-(3-(4,6-Dimethylpyridin-3-y1)pheny1]-3-oxopropiony1]amino]-5-methyl-
4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-71-3P, [2-[[3-[3-(6-Cyclopropyl-4-methylpyridin-3-
yl)phenyl]-3-oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic
acid tert-butyl ester
                                    579479-73-5P,
[2-[3-[3-(6-Cyclopropyl-4-methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-ethoxy-4-trifluoromethylphenyl]carbamic acid
                             579479-75-7P,
tert-butyl ester
[2-[3-[3-(6-Cyclopropyl-4-methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-76-8P, [2-[[3-[3-(2-Ethyl-6-methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid
                           579479-78-0P,
tert-butyl ester
[5-Ethoxy-2-[[3-[3-(2-ethyl-6-methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-80-4P, [2-[3-[3-(2-Ethyl-6-methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-81-5P, [2-[[3-[3-(4,6-Dimethylpyridin-3-y1)pheny1]-3-
oxopropionyl]amino]-5-ethoxy-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                            579479-83-7P,
[2-[3-(3-(4,6-Dimethylpyridin-3-y1)pheny1]-3-oxopropiony1]amino]-5-(2,2,2-(3,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-oxopropiony1)amino]-5-(2,2,2-(3,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(3,2,2)pheny1)-3-(
trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-85-9P, [2-[[3-[3-(6-Ethyl-4-methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                           579479-86-0P,
[5-Ethoxy-2-[[3-[3-(6-ethyl-4-methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-88-2P, [2-[[3-[3-(6-Ethyl-4-methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-90-6P, [2-[[3-[3-(2-Cyclopropyl-6-methylpyridin-4-
yl)phenyl]-3-oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic
acid tert-butyl ester 579479-91-7P,
[2-[3-[3-(2-Cyclopropyl-6-methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-ethoxy-4-trifluoromethylphenyl]carbamic acid
                            579479-92-8P,
tert-butyl ester
[2-[3-[3-(2-Cyclopropyl-6-methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-94-09, [5-Methyl-2-[[3-[3-(2-methylpyridin-3-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-96-2P, [2-[[3-[3-(2-Methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-[[(tetrahydropyran-2-yl)oxy]methyl]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579479-97-3P, [2-[[3-[3-(2-Isobutylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid
                            579479-99-5P,
tert-butyl ester
trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-03-8P, [5-Methyl-2-[[3-oxo-3-[3-(2-trifluoromethylpyridin-4-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
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tert-butyl ester 579480-04-9P,
[5-Chloro-2-[[3-oxo-3-[3-(2-trifluoromethylpyridin-4-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 579480-05-0P,
[2-[[3-0xo-3-[3-(2-trifluoromethylpyridin-4-y1)pheny1]propiony1]amino]-5-
(2,2,2-trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl
       579480-06-1P, [5-Ethoxy-2-[[3-oxo-3-[3-(2-
trifluoromethylpyridin-4-yl)phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-10-7P, [2-[3-[3-(2-Isopropylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid
                  579480-12-9P.
tert-butvl ester
[2-[3-(3-(2-1))]-3-(2-1)]
trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-13-09, [5-Chloro-2-[[3-[3-(2-isopropylpyridin-4-yl)phenyl]-
3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl
       579480-35-2P, [2-[[3-[3-(2-Isopropylpyridin-4-yl)phenyl]-
3-oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-17-4P, [5-Ethoxy-2-[[3-[3-(2-isopropylpyridin-4-yl)phenyl]-
3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl
       579480-18-5P, [5-Chloro-2-[[3-[3-(2-isobutylpyridin-4-
yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                 579480-21-0P,
[5-Ethoxy-2-[[3-[3-(2-isobutylpyridin-4-yl)phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-22-1P, [2-[[3-[3-(2-Isobutylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-26-59, [5-Methyl-2-[[3-oxo-3-[3-[2-[[(tetrahydropyran-2-
yl)oxy]methyl]pyridin-4-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-28-7P, [5-Chloro-2-[[3-oxo-3-[3-[2-[[(tetrahydropyran-2-
yl)oxy]methyl]pyridin-4-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-29-8P, [2-[[3-0xo-3-[3-[2-[[(tetrahydropyran-2-
y1)oxy]methy1]pyridin-4-y1]pheny1]propiony1]amino]-5-(2,2,2-
trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-31-2P, [5-Ethoxy-2-[[3-oxo-3-[3-[2-[[(tetrahydropyran-2-
yl)oxy]methyl]pyridin-4-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
   (preparation of dihydrobenzodiazepin-2-ones as metabotropic glutamate
  receptor antagonists for treatment of neurol. disorders)
579476-79-2 CAPLUS
Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-(3-
pyridinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)
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RN

CN

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-(4-pyridinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579476-81-6 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-(2-pyridinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579476-85-0 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$CF_3$$
  $CH_2$   $CH_2$   $CH_3$   $CH_4$   $CH_5$   $CH_5$ 

RN 579476-86-1 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-(6-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579476-89-4 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-(2-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{CH}_2 \\ \text{C}_{\text{NH}} \\ \text{N} \\ \text{NMe}_2 \\ \text{N} \\$$

RN 579476-90-7 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-methyl-3-pyridazinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579476-92-9 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-(6-methyl-3-pyridazinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579476-94-1 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579476-97-4 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(4-pyridinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-03-5 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-4-methyl-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-05-7 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-08-0 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 579477-11-5 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(2-pyridinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-13-7 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(4-pyridinyl)phenyl]propyl]amino]-5-methoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-14-8 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(4-pyridinyl)phenyl]propyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-15-9 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(4-pyridinyl)phenyl]propyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-18-2 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-(6-methoxy-3-pyridazinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{MeO} & \\ & \\ & \\ \text{N} & \\ & \\ \text{N} & \\ & \\ \text{C} & \\ \text{CH}_2 - \\ \text{C} - \\ \text{NH} & \\ \\ \text{O} & \\ \text{NMe}_2 \\ \\ & \\ \text{T} - \\ \text{BuO} - \\ \text{C} - \\ \text{NH} & \\ \\ \text{NMe}_2 \\ \\ \end{array}$$

RN 579477-20-6 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(2-pyridinyl)phenyl]propyl]amino]-5-methoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 579477-21-7 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(2-pyridinyl)phenyl]propyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-23-9 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(2-pyridinyl)phenyl]propyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-25-1 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(2-pyridinyl)phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 579477-26-2 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-(2,6-dimethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{Me} \end{array} \begin{array}{c} \text{O} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{D} \\ \text{N} \\ \text{D} \\ \text{C} \\ \text{C} \\ \text{N} \\ \text{N} \\ \text{N} \\ \text{Me} \end{array} \begin{array}{c} \text{CF 3} \\ \text{NMe 2} \\ \text{N} \\ \text{N$$

RN 579477-28-4 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(4-pyridazinyl)phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-29-5 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-methoxy-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{MeO} \\ \text{N} \\ \text{CH}_2 \\ \text{CH}_2 \\ \text{CH}_2 \\ \text{CH}_3 \\ \text{CH}_4 \\ \text{CH}_4 \\ \text{CH}_5 \\ \text{CH}_6 \\ \text{CH}_7 \\ \text{CH}_8 \\ \text{C$$

RN 579477-40-0 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-42-2 CAPLUS

CN Carbamic acid, [5-(cyclopropylmethylamino)-2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-43-3 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(4-pyridinyl)phenyl]propyl]amino]-5-[(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-45-5 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(4-pyridinyl)phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-47-7 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(4-pyridinyl)phenyl]propyl]amino]-4-methyl-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-53-5 CAPLUS

CN Carbamic acid, [5-chloro-2-[[1,3-dioxo-3-[3-(4-pyridinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-61-5 CAPLUS

CN Carbamic acid, [5-methyl-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-62-6 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{CH}_2 \\ \text{CH}_2 \\ \text{CH}_3 \\ \text{CH}_4 \\ \text{CH}_5 \\ \text{CH}_5 \\ \text{CH}_6 \\ \text{CH}_7 \\ \text{CH$$

RN 579477-64-8 CAPLUS

CN Carbamic acid, [4-methyl-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 579477-65-9 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-67-1 CAPLUS

CN Carbamic acid, [5-(methylpropylamino)-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-68-2 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(4-pyridinyl)phenyl]propyl]amino]-5-(methylpropylamino)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 579477-69-3 CAPLUS

CN Carbamic acid, [5-chloro-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-73-9 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-(5-pyrimidinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-75-1 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-(3-pyrazinylphenyl)propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 579477-76-2 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-(3-pyrazinylphenyl)propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & &$$

RN 579477-77-3 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-(3-pyrazinylphenyl)propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

CN Carbamic acid, [5-chloro-2-[[1,3-dioxo-3-(3-pyrazinylphenyl)propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-80-8 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-(3-pyrazinylphenyl)propyl]amino]-4-methyl-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\$$

RN 579477-82-0 CAPLUS

CN Carbamic acid, [5-chloro-2-[[1,3-dioxo-3-[3-(5-pyrimidinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-84-2 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(5-pyrimidinyl)phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-85-3 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(5-pyrimidinyl)phenyl]propyl]amino]-5-(methylpropylamino)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 579477-86-4 CAPLUS

CN Carbamic acid, [4-chloro-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

RN 579477-87-5 CAPLUS

CN Carbamic acid, [4-chloro-2-[[1,3-dioxo-3-[3-(4-pyridinyl)phenyl]propyl]amino]-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-88-6 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-(3-pyrazinylphenyl)propyl]amino]-5-(methylpropylamino)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & &$$

RN 579477-92-2 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(5-pyrimidinyl)phenyl]propyl]amino]-4-methyl-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & \\ & & \\ &$$

RN 579477-93-3 CAPLUS

CN Carbamic acid, [4-chloro-2-[[1,3-dioxo-3-[3-(2-pyridinyl)phenyl]propyl]amino]-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-96-6 CAPLUS

CN Carbamic acid, [4-chloro-2-[[1,3-dioxo-3-(3-pyrazinylphenyl)propyl]amino]-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-97-7 CAPLUS

CN Carbamic acid, [4-chloro-2-[[1,3-dioxo-3-[3-(5-pyrimidinyl)phenyl]propyl]amino]-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-98-8 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-(3-pyrazinylphenyl)propyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579477-99-9 CAPLUS

CN Carbamic acid, [4-chloro-2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-00-5 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$CF_3$$
  $CH_2$   $CH_2$   $CH_3$   $CF_3$   $CF_3$   $CH_2$   $CH_3$ 

RN 579478-03-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl

RN 579478-04-9 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{O} \\ \text{CH}_2 \\ \text{C-BuO-C-NH} \\ \end{array}$$

RN 579478-05-0 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-methyl-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-06-1 CAPLUS

CN Carbamic acid, [5-chloro-2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \begin{array}{c} \text{O} & \text{O} \\ \text{C} & \text{CH2} - \text{C} - \text{NH} \\ \text{O} & \text{C} - \text{NH} \end{array} \\ \text{C1} \end{array}$$

RN 579478-08-3 CAPLUS

CN Carbamic acid, [4-chloro-2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$C = C + 2 + C = NH$$
  $C = C + 3$ 

RN 579478-09-4 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$CF_3$$
  $CH_2$   $CH_2$   $CH_3$   $CF_3$   $CF_3$   $CH_2$   $CH_3$ 

RN 579478-10-7 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-12-9 CAPLUS

CN Carbamic acid, [5-methyl-2-[[3-[3-(6-methylpyrazinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-13-0 CAPLUS

CN Carbamic acid, [4-methyl-2-[[3-[3-(6-methylpyrazinyl)phenyl]-1,3-dioxopropyl]amino]-5-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

RN 579478-18-5 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,5-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-19-6 CAPLUS

CN Carbamic acid, [5-chloro-2-[[3-[3-(2,5-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-20-9 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,5-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-,

1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \stackrel{\text{Me}}{\longrightarrow} \stackrel{\text{O}}{\longrightarrow} \stackrel{\text{O}}{\longrightarrow} \stackrel{\text{CF} 3}{\longrightarrow} \stackrel{\text{CF} 3}{\longrightarrow} \stackrel{\text{CF} 3}{\longrightarrow} \stackrel{\text{CH} 2-\text{CF} 3}{\longrightarrow} \stackrel{\text{CH} 2-\text{CF} 3}{\longrightarrow} \stackrel{\text{CF} 3}{\longrightarrow} \stackrel$$

RN 579478-21-0 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,5-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-23-2 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,3-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$CF3$$
 $C-CH_2$ 
 $C-NH$ 
 $Me$ 
 $Me$ 
 $Me$ 

RN 579478-24-3 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,3-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$CF_3$$
 $CH_2$ 
 $CH_2$ 
 $CH_3$ 
 $CH_3$ 

RN 579478-25-4 CAPLUS

CN Carbamic acid, [5-chloro-2-[[3-[3-(2,3-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$C = CH_2 - CH_2 - CH_3$$
 $C = CH_3 - CH_3$ 
 $C = CH_3$ 

RN 579478-26-5 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,3-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$CF3$$
 $CH2$ 
 $CH2$ 
 $CH3$ 
 $CH3$ 
 $CH3$ 
 $CH3$ 
 $CH3$ 
 $CH3$ 
 $CH3$ 

RN 579478-27-6 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,3-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \begin{array}{c} \text{Me} \\ \\ \text{C} \end{array} \\ \begin{array}{c} \text{CH}_2 - \begin{array}{c} \\ \text{C} \end{array} \\ \text{NH} \end{array} \\ \begin{array}{c} \text{CF3} \\ \text{OEt} \end{array}$$

RN 579478-29-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(5-ethyl-2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-30-1 CAPLUS

CN Carbamic acid, [2-[[3-[3-(5-ethyl-2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Et} \\ \text{O} \\ \text{CH}_2 \\ \text{C-NH} \\ \text{T-BuO-C-NH} \end{array}$$

RN 579478-31-2 CAPLUS

CN Carbamic acid, [2-[[3-[3-(5-ethyl-2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-32-3 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-(5-ethyl-2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-34-5 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-ethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} \text{Et} & \text{O} & \text{O} \\ \text{C} & \text{CH}_2 - \text{C} - \text{NH} \\ \text{T} - \text{BuO} - \text{C} - \text{NH} \end{array}$$

RN 579478-35-6 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-ethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-36-7 CAPLUS

CN Carbamic acid, [5-chloro-2-[[3-[3-(2-ethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-37-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-ethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-38-9 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-(2-ethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-39-0 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-(6-methyl-2-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-45-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-cyclopropyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-46-9 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-cyclopropyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl

RN 579478-47-0 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-methoxy-3-pyridiny1)pheny1]-1,3-dioxopropy1]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-49-2 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-methoxy-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-50-5 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-cyclopropyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-51-6 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-52-7 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-methoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-58-3 CAPLUS

CN Carbamic acid, [2-[[3-[3-[6-(1-methylethyl)-3-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-59-4 CAPLUS

CN Carbamic acid, [2-[[3-[3-[6-(1-methylethyl)-3-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-61-8 CAPLUS

CN Carbamic acid, [5-methyl-2-[[3-[3-[6-(1-methylethyl)-3-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-64-1 CAPLUS

CN Carbamic acid, [5-chloro-2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-65-2 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-68-5 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-(1-pyrrolidinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-69-6 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-(4-morpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-71-0 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-(6-ethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-72-1 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-ethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-73-2 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-ethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-74-3 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-ethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Et 
$$CH_2$$
  $CH_2$   $CH_3$   $CF_3$   $CF_3$   $CF_3$   $CH_2$   $CH_3$ 

RN 579478-75-4 CAPLUS

CN Carbamic acid, [5-(cyclopropylmethoxy)-2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-76-5 CAPLUS

CN Carbamic acid, [5-(cyclopropylmethoxy)-2-[[3-[3-(2-methyl-4-

pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{F3C} \\ \text{NH-C-OBu-t} \\ \end{array}$$

RN 579478-77-6 CAPLUS

CN Carbamic acid, [5-(cyclopropylmethoxy)-2-[[3-[3-(6-cyclopropyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{t-Buo-C-NH} \\ \text{CH}_2 \text{-} \text{O} \\ \text{CF}_3 \end{array}$$

RN 579478-79-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyano-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-80-1 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyano-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-86-7 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-cyano-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & \\ & & \\ &$$

RN 579478-88-9 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridazinyl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-94-7 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-(2-methoxyethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN

CN Carbamic acid, [2-[[3-[3-(2-cyano-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2-methoxyethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579478-98-1 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyano-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & \\ & & \\$$

RN 579479-00-8 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-ethyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-06-4 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-ethenyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-08-6 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-propoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & &$$

RN 579479-10-0 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-cyclopropyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-propoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-12-2 CAPLUS

CN Carbamic acid, [2-[[3-[3-[6-(dimethylamino)-3-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-14-4 CAPLUS

CN Carbamic acid, [2-[[3-[6-(dimethylamino)-3-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-,1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-16-6 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-propoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{t-BuO-C-NH} \\ \text{OPr-n} \\ \text{C-CH}_2\text{-C-NH} \\ \text{CF3} \end{array}$$

RN 579479-18-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopropyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-20-2 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopropyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-22-4 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-propyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$C - CH_2 - C - NH$$
  $CF_3$   $CF_3$ 

RN 579479-24-6 CAPLUS

CN Carbamic acid, [5-ethyl-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-26-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-cyclopropyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-propyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & & & \\ & & & & & \\ & & & & \\ & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 579479-28-0 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-cyclopropyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-30-4 CAPLUS

CN Carbamic acid, [2-[[3-(4-methyl-3-pyridinyl)phenyl]-1,3-

dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester
(9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{O} \\ \text{CH}_2 \\ \text{C} \\ \text{NH} \\ \text{C} \\ \text{NH} \\ \text{O} \\ \text{C} \\ \text{NH} \\ \text{O} \\ \text{$$

RN 579479-32-6 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopropyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-34-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-36-0 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-propyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$C - CH_2 - C - NH$$
  $CF_3$   $CF_3$   $CF_3$ 

RN 579479-38-2 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(3-pyridinyl)phenyl]propyl]amino]-5-propyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-40-6 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-(4-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-42-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(4-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-44-0 CAPLUS

CN Carbamic acid, [5-methyl-2-[[3-[3-(4-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester

RN 579479-46-2 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-ethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-48-4 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-(2-ethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-50-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-ethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

CN Carbamic acid, [5-methyl-2-[[3-[3-(6-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \\ \text{N} \\ \\ \text{C} \\ \text{CH}_2 \\ \\ \text{C} \\ \text{NH} \\ \\ \text{Me} \\ \\ \text{Me} \\ \end{array}$$

RN 579479-54-2 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-(6-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-56-4 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-58-6 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-fluoro-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-60-0 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethenyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$CF_3$$
  $CH_2$   $CH_2$   $CH_3$   $CH_4$   $CH_4$   $CH_5$   $CH_4$   $CH_5$   $CH_5$   $CH_6$   $CH_6$   $CH_7$   $CH_8$   $CH_8$ 

RN 579479-62-2 CAPLUS

CN Carbamic acid, [5-(2-methoxyethoxy)-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-64-4 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2-methoxyethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-67-7 CAPLUS

CN Carbamic acid, [5-ethenyl-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-69-9 CAPLUS

CN Carbamic acid, [2-[[3-[3-(4,6-dimethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-71-3 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-cyclopropyl-4-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-73-5 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-cyclopropyl-4-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-75-7 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-cyclopropyl-4-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-76-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-ethyl-6-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-78-0 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-(2-ethyl-6-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-80-4 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-ethyl-6-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-81-5 CAPLUS

CN Carbamic acid, [2-[[3-[3-(4,6-dimethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-83-7 CAPLUS

CN Carbamic acid, [2-[[3-[3-(4,6-dimethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-85-9 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-ethyl-4-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-86-0 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-(6-ethyl-4-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-88-2 CAPLUS

CN Carbamic acid, [2-[[3-(6-ethy1-4-methy1-3-pyridiny1)]]-1,3-

dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-90-6 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopropyl-6-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-91-7 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopropyl-6-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-92-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopropyl-6-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-94-0 CAPLUS

CN Carbamic acid, [5-methyl-2-[[3-[3-(2-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c}
Me \\
N \\
C \\
C \\
C \\
C \\
C \\
C \\
NH
\end{array}$$

$$\begin{array}{c}
C \\
C \\
C \\
NH
\end{array}$$

$$\begin{array}{c}
C \\
C \\
Me
\end{array}$$

$$\begin{array}{c}
C \\
C \\
Me
\end{array}$$

RN 579479-96-2 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-97-3 CAPLUS

CN Carbamic acid, [5-methyl-2-[[3-[3-[2-(2-methylpropyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579479-99-5 CAPLUS

CN Carbamic acid, [2-[[3-[3-[2-(2-methylpropyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-03-8 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-(trifluoromethyl)-4-pyridinyl]phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 579480-04-9 CAPLUS

CN Carbamic acid, [5-chloro-2-[[1,3-dioxo-3-[3-[2-(trifluoromethyl)-4-pyridinyl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-05-0 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-(trifluoromethyl)-4-pyridinyl]phenyl]propyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-06-1 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-(trifluoromethyl)-4-pyridinyl]phenyl]propyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-10-7 CAPLUS

CN Carbamic acid, [5-methyl-2-[[3-[3-[2-(1-methylethyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-12-9 CAPLUS

CN Carbamic acid, [2-[[3-[3-[2-(1-methylethyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-13-0 CAPLUS

CN Carbamic acid, [5-chloro-2-[[3-[3-[2-(1-methylethyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-15-2 CAPLUS

CN Carbamic acid, [2-[[3-[3-[2-(1-methylethyl)-4-pyridinyl]phenyl]-1,3-

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RN 579480-17-4 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-[2-(1-methylethyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-18-5 CAPLUS

CN Carbamic acid, [5-chloro-2-[[3-[3-[2-(2-methylpropyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{i-Bu} \\ \text{i-BuO-C-NH} \\ \end{array}$$

RN 579480-21-0 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-[2-(2-methylpropyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-22-1 CAPLUS

CN Carbamic acid, [2-[[3-[3-[2-(2-methylpropyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{i-Bu} \\ \text{N} \\ \text{CH}_2 \\ \text{CH}_2 \\ \text{C-NH} \\ \text{C-BuO-C-NH} \end{array}$$

RN 579480-26-5 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-28-7 CAPLUS

CN Carbamic acid, [5-chloro-2-[[1,3-dioxo-3-[3-[2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-29-8 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]propyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-31-2 CAPLUS
CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]propyl]amino]-5-ethoxy-4(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

579480-32-3P, [2-[[3-[3-(6-Cyclopropyl-4-methylpyridin-3-ΙT yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid 579480-34-5P, tert-butyl ester [2-[3-(3-(4,6-Dimethylpyridin-3-y1)phenyl]-3-oxopropionyl]amino]-4trifluoromethylphenyl]carbamic acid tert-butyl ester 579480-36-7P, [2-[[3-[3-(2-Cyclopropylpyridin-4-yl)phenyl]-3oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 579480-38-9P, [2-[[3-[3-(2-Cyclopropylpyridin-4-yl)phenyl]-3oxopropionyl]amino]-5-methyl-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 579480-40-3P, [2-[3-(3-(2-Cyclopropylpyridin-4-yl)phenyl]-3-oxopropionyl]amino]-5ethoxy-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 579480-42-5P, [2-[3-[3-(2-Cyclopropylpyridin-4-yl)phenyl]-3oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4trifluoromethylphenyl]carbamic acid tert-butyl ester 579480-44-7P, [5-Cyclopropyl-2-[[3-[3-(2-methylpyridin-4yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 579480-45-8P, [2-[[3-[3-(2-Cyclopentylpyridin-4-yl)phenyl]-3-oxopropionyl]amino]-5methyl-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 579480-47-0P, [2-[[3-[3-(2-Cyclopentylpyridin-4-yl)phenyl]-3oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 579480-49-27, [2-[3-[3-(2-Cyclopentylpyridin-4-yl)phenyl]-3oxopropionyl]amino]-5-ethoxy-4-trifluoromethylphenyl]carbamic acid 579480-51-6P, tert-butyl ester [2-[3-(3-(2-Cyclopentylpyridin-4-yl)phenyl]-3-oxopropionyl]amino]-5-(2,2,2-trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl 579480-53-8P, [5-[(Isobuty1)(methy1)amino]-2-[[3-[3-(2methylpyridin-4-yl)phenyl]-3-oxopropionyl]amino]-4trifluoromethylphenyl]carbamic acid tert-butyl ester 579480-55-0P, [5-[(Isopropyl)(methyl)amino]-2-[[3-[3-(2-1)]])methylpyridin-4-yl)phenyl]-3-oxopropionyl]amino]-4trifluoromethylphenyl]carbamic acid tert-butyl ester 579480-59-4P, [2-[[3-[3-(2-Methylpyridin-4-yl)phenyl]-3oxopropionyl]amino]-5-pyrrolidin-1-yl-4-trifluoromethylphenyl]carbamic

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acid tert-butyl ester 579480-61-8P,
[5-[(Isobutyl) (methyl) amino]-2-[[3-oxo-3-[3-[2-[[(tetrahydropyran-2-
yl)oxy]methyl]pyridin-4-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-67-4F, [5-[(Methyl)(propyl)amino]-2-[[3-\infty0-3-[3-[2-
[[(tetrahydropyran-2-yl)oxy]methyl]pyridin-4-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-69-69, [5-[(Isopropyl) (methyl) amino]-2-[[3-oxo-3-[3-[2-
[[(tetrahydropyran-2-yl)oxy]methyl]pyridin-4-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-71-0P, [5-(Dimethylamino)-2-[[3-oxo-3-[3-[2-
[[(tetrahydropyran-2-y1)oxy]methyl]pyridin-4-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-73-2P, [2-[[3-[3-(2-Methylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-morpholin-4-yl-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                   579480-75-4P,
[2-[3-(3-(3,6-Dimethylpyridin-4-y1)pheny1]-3-oxopropiony1]amino]-5-
morpholin-4-yl-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-77-6P, [5-Ethoxy-2-[[3-[3-[2-(morpholin-4-yl)pyridin-4-
yl]phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                  579480-79-8P,
[2-[3-[3-[3-[3-(Morpholin-4-yl)pyridin-4-yl]phenyl]-3-oxopropionyl]amino]-5-
(2,2,2-trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl
        579480-82-3P, [5-Methyl-2-[[3-[3-[2-(morpholin-4-
yl)pyridin-4-yl]phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579480-84-5F, [2-[[3-0xo-3-[3-[2-(pyrrolidin-1-yl)pyridin-4-
yl]phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 579480-86-7P,
[5-Methyl-2-[[3-oxo-3-[3-[2-(pyrrolidin-1-yl)pyridin-4-
yl]phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 579480-88-9P,
[5-Ethoxy-2-[[3-oxo-3-[3-[2-(pyrrolidin-1-yl)pyridin-4-
yl]phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 579480-90-3P,
[2-[[3-0xo-3-[3-[2-(pyrrolidin-1-yl)pyridin-4-yl]phenyl]propionyl]amino]-5-
(2,2,2-trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl
       579480-98-1P, [5-Methyl-2-[[3-[3-[2-methyl-6-
[[(tetrahydropyran-2-yl)oxy]methyl]pyridin-4-yl]phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579481-00-8P, [5-Chloro-2-[[3-[3-[2-methyl-6-[[(tetrahydropyran-2-
yl)oxy]methyl]pyridin-4-yl]phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579481-02-0P, [2-[[3-[3-[2-Methyl-6-[[(tetrahydropyran-2-
yl)oxy]methyl]pyridin-4-yl]phenyl]-3-oxopropionyl]amino]-5-(2,2,2-
trifluoroethoxy)-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
579481-04-2P, [5-Ethoxy-2-[[3-[3-[2-methyl-6-[[(tetrahydropyran-2-
y1)oxy]methyl]pyridin-4-yl]phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579481-96-4P, [2-[[3-[3-[2-Methyl-6-[[(tetrahydropyran-2-
yl)oxy]methyl]pyridin-4-yl]phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579481-08-6P, [2-[[3-[3-(2,6-Dimethylpyridin-4-yl)phenyl]-3-
oxopropionyl]amino]-5-[(isobutyl)(methyl)amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
579481-10-0P, [5-Dimethylamino-2-[[3-[3-(2,6-dimethylpyridin-4-
yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                  579481-14-4P,
[2-[3-(3-(3,6-Dimethylpyridin-4-y1)phenyl]-3-oxopropionyl]amino]-5-
pyrrolidin-1-yl-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
```

579481-16-6P, [2-[[3-[3-(2,6-Dimethylpyridin-4-y1)pheny1]-3-oxopropionyl]amino]-5-[(isopropyl)(methyl)amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 579481-17-7P, [2-[[3-[3-(2,6-Dimethylpyridin-4-y1)pheny1]-3-oxopropionyl]amino]-5-[(methyl)(propyl)amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

 $(preparation\ of\ dihydrobenzodiazepin-2-ones\ as\ metabotropic\ glutamate\ receptor\ antagonists\ for\ treatment\ of\ neurol.\ disorders)$ 

RN 579480-32-3 CAPLUS

CN Carbamic acid, [2-[[3-[3-(6-cyclopropyl-4-methyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & \text{Me} & \text{O} & \text{O} & \text{NH} & \text{C} & \text{OBu-t} \\ \hline & \text{O} & \text{CH}_2 & \text{C} & \text{NH} & \text{C} & \text{CH}_2 \\ \hline & \text{CF}_3 & \text{C} & \text{CH}_3 & \text{C} & \text{CH}_3 \\ \end{array}$$

RN 579480-34-5 CAPLUS

CN Carbamic acid, [2-[[3-[3-(4,6-dimethyl-3-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-36-7 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopropyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-38-9 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopropyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-40-3 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopropyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-42-5 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopropyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-44-7 CAPLUS

CN Carbamic acid, [5-cyclopropyl-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-45-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopentyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 579480-47-0 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopentyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & \\ & & \\ &$$

RN 579480-49-2 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopentyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-51-6 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-cyclopentyl-4-pyridinyl)phenyl]-1,3-

dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-53-8 CAPLUS

CN Carbamic acid, [5-[methyl(2-methylpropyl)amino]-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{C} \\ \text{CH}_2 \\ \text{C} \\ \text{NH} \\ \text{N} \\ \text{N} \\ \text{Bu} \\ \text{O} \\ \text{CF}_3 \\ \text{N} \\ \text{Bu} \\ \text{II} \\ \text{N} \\ \text{Bu} \\ \text{II} \\ \text{Me} \\ \end{array}$$

RN 579480-55-0 CAPLUS

CN Carbamic acid, [5-[methyl(1-methylethyl)amino]-2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-59-4 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(1-pyrrolidinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$C = 0$$
  $CH_2$   $CH_$ 

RN 579480-61-8 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]propyl]amino]-5-[methyl(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ i-Bu-N & & & \\ & & & \\ Me & & NH-C-OBu-t \\ \end{array}$$

RN 579480-67-4 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]propyl]amino]-5-(methylpropylamino)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-69-6 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]propyl]amino]-5-[methyl(1-methylethyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 579480-71-0 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-[2-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]propyl]amino]-4(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-73-2 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2-methyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(4-morpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-75-4 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(4-morpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-77-6 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-[2-(4-morpholinyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-79-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-[2-(4-morpholinyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$F_{3}C \longrightarrow NH \longrightarrow CH_{2} \longrightarrow NH \longrightarrow$$

RN 579480-82-3 CAPLUS

CN Carbamic acid, [5-methyl-2-[[3-[3-[2-(4-morpholinyl)-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} F_3C & & \\ NH - C - OBu - t \end{array}$$

RN 579480-84-5 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-(1-pyrrolidinyl)-4-pyridinyl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-86-7 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-(1-pyrrolidinyl)-4-pyridinyl]phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-88-9 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-(1-pyrrolidinyl)-4-pyridinyl]phenyl]propyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-90-3 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[2-(1-pyrrolidinyl)-4-pyridinyl]phenyl]propyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579480-98-1 CAPLUS

CN Carbamic acid, [5-methyl-2-[[3-[3-[2-methyl-6-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579481-00-8 CAPLUS

CN Carbamic acid, [5-chloro-2-[[3-[3-[2-methyl-6-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579481-02-0 CAPLUS

CN Carbamic acid, [2-[[3-[3-[2-methyl-6-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-5-(2,2,2-trifluoroethoxy)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579481-04-2 CAPLUS

CN Carbamic acid, [5-ethoxy-2-[[3-[3-[2-methyl-6-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579481-06-4 CAPLUS

CN Carbamic acid, [2-[[3-[3-[2-methyl-6-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-4-pyridinyl]phenyl]-1,3-dioxopropyl]amino]-4-

(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579481-08-6 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-[methyl(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{N} \\ \text{Me} \end{array} \begin{array}{c} \text{O} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{C} \\ \text{N} \\ \text{D} \\ \text{C} \\ \text{C} \\ \text{N} \\ \text{N} \\ \text{Me} \end{array} \begin{array}{c} \text{CF 3} \\ \text{N} \\ \text{Bu-i} \\ \text{Me} \\ \end{array}$$

RN 579481-10-0 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579481-14-4 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(1-pyrrolidinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

Me 
$$C = O$$
 $CH_2$ 
 $CH_2$ 
 $CH_3$ 
 $NH$ 
 $NH$ 
 $C = OBu-t$ 

RN 579481-16-6 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-[methyl(1-methylethyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 579481-17-7 CAPLUS

CN Carbamic acid, [2-[[3-[3-(2,6-dimethyl-4-pyridinyl)phenyl]-1,3-dioxopropyl]amino]-5-(methylpropylamino)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

OS.CITING REF COUNT: 4 THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD

(5 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 35 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2003:221693 CAPLUS Full-text

DOCUMENT NUMBER: 138:238197

TITLE: Preparation of furo- and thienopyrimidines as TIE-2 and/or VEGFR-2 kinase inhibitors useful against

hyperproliferative diseases

INVENTOR(S): Adams, Jerry Leroy; Bryan, Deborah Lynne; Feng,

Yanhong; Matsunaga, Shinichiro; Maeda, Yutaka;

Miyazaki, Yasushi; Nakano, Masato; Rocher,

Jean-Philippe; Sato, Hideyuki; Semones, Marcus; Silva,

Domingos J.; Tang, Jun

PATENT ASSIGNEE(S): Glaxosmithkline K.K., Japan; Smithkline Beecham

Corporation

SOURCE: PCT Int. Appl., 265 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	PATENT NO.							DATE				_	-	_					
	WO		0228	52		<b>A</b> 2						002-		20020910					
	WO							AU,			DD	BC.	DD	DV	<b>D</b> 7	$C_{\lambda}$	СП	C N₁	
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			PL,	PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	ТJ,	TM,	TN,	TR,	TT,	TZ,	
			UA,	UG,	US,	UΖ,	VC,	VN,	YU,	ZA,	ZM,	ZW							
		RW:	GH,	GM,	ΚE,	LS,	M₩,	ΜZ,	SD,	SL,	SZ,	TZ,	UG,	ZM,	ZW,	AM,	ΑZ,	BY,	
			KG,	ΚZ,	MD,	RU,	ΤJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,	EE,	ES,	
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	TD	2005														2	0020	210	
										JP 2003-526926									
	US 20050004142										US Z	004-	4890	52		2	0040	309	
	US 7427623 US 20080287466																		
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PRIO	RITY	APP:	LN.	INFO	.:						US 2	001-	3187	66P	]	P 20010911			
										WO 2002-US28650					1	W 20020910			
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 138:238197

GΙ

$$\begin{bmatrix} R^2 & A \\ A & X \end{bmatrix}$$

AB Furo- and thienopyrimidine derivs. (shown as I; variables defined below; e.g. 4-Amino-3-(4-methoxyphenyl)-2-[3-(methylsulfonylamino)phenyl]furo[2,3-d]pyrimidine), which are useful as TIE-2 (tyrosine kinase containing immunoglobin and EGF homol. domains) and/or VEGFR-2 kinase inhibitors against hyperproliferative diseases are described herein. Enzyme inhibitions by

.apprx.60 examples of I are included as ranges; also, 4-amino-3-[4-[[2-fluoro-5-

(trifluoromethyl)phenyl]aminocarbonylamino]phenyl]thieno[2,3-d]pyrimidine exhibited IC50 = 0.0018 µM in the TIE-2 fluorescence polarization kinase activity assay. For I: X is O or S; A is H, halo, C1-C6 alkyl, aryl, heteroaryl, aryl or heteroaryl substituted with ≥1 R3, heterocyclyl, -RR3, -C(0)OR4, -C(0)NR5R6, -C(0)R4; D is H, halo, C1-C6 alkyl, aryl, heteroaryl, aryl or heteroaryl substituted with ≥1 R3, heterocyclyl, -RR3, -C(0)OR4, -C(0)NR5R6, or -C(0)R4. R is C1-C6 alkylene, C3-C7 cycloalkylene, C1-C6 alkenylene, or C1-C6 alkynylene; R1 is H, C1-C6 alkyl, C1-C6 alkoxy, -SR4, -S(0) 2R4, -NR7R7, -NR'N R'''R'''', -N(H) RR3, -C(O) OR7, or -C(O) NR7R7. R2 is H, -OH, -NR7R7 or :NH; R3 is halo, C1-C6 alkyl, C1-C6 haloalkyl, C1-C6 alkoxy, C3-C7 cycloalkoxy, C1-C6 haloalkoxy, aryl, aralkyl, aryloxy, heteroaryl, heterocyclyl, -CN, -NHC(O)R4, -N(R8)HC(O)R4, -NHC(S)R4, -NR5R6, -RNR5R6, -SR4, -S(0)2R4, -RC(0)0R4, -C(0)0R4, -C(0)R4, -C(0)NR5R6, -NHS(0)2R4, -N(S(0)2R4)S(0)2R4, -S(0)2NR5R6, or -NHC(:NH)R4. R4 is H, C1-C6 alkyl, aryl, heteroaryl, heterocyclyl, -RR3, -NR'''R'''', or - NR'NR'''R''''; R5 is H, C1-C6 alkyl, C3-C7 cycloalkyl, cyanoalkyl, -R'R'', aryl, aralkyl, heteroaryl, -NHC(O)OR''', -R'NHC(O)OR''', -R'NHC(O)NR'''R'''', or -R'C(O)OR'''. R6 is H, C1-C6 alkyl, C3-C7 cycloalkyl, cyanoalkyl, -R'R'', aryl, aralkyl, heteroaryl, -C(0)OR''', or -R'C(0)NR'''R'''; R7 is H, C1-C6 alkyl, aryl, or -C(0)OR'''; R8 is C1-C3 alkyl; R' is C1-C3 alkylene; R'' is heteroalkyl or NRR'''R''''; R''' is H, C1-C6 alkyl, aryl, aralkyl, heteroaryl, or C3-C7 cycloalkyl; R'''' is H, C1-C6 alkyl, aryl, heteroaryl, or C3-C7 cycloalkyl. Although the methods of preparation are not claimed, several example prepns. of I are included and characterization data is given for .apprx.480 examples of I.

(drug candidate; preparation of furo- and thienopyrimidines as TIE-2 and/or VEGFR-2 kinase inhibitors useful against hyperproliferative diseases) 501695-83-6 CAPLUS

Urea, N-[[4-[4-amino-6-(4-methoxyphenyl)furo[2,3-d]pyrimidin-5-yl]phenyl]-N'-[2-fluoro-5-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN

CN

OS.CITING REF COUNT: 13 THERE ARE 13 CAPLUS RECORDS THAT CITE THIS RECORD (14 CITINGS)

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 36 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2003:196948 CAPLUS  $\underline{\text{Full-text}}$ 

DOCUMENT NUMBER: 138:221357

TITLE: Preparation of 2'-aminomethylbiphenyl-2-carboxamides

as Kv1.5 potassium channel blockers

INVENTOR(S): Brendel, Joachim; Schmidt, Wolfgang; Below, Peter

PATENT ASSIGNEE(S): Aventis Pharma Deutschland GmbH, Germany

SOURCE: U.S., 65 pp., Cont.-in-part of U.S. Ser. No. 675,674.

CODEN: USXXAM

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE		
US 6531495	B1	20030311	US 2000-698078		20001030		
DE 19947457	A1	20030311	DE 1999-19947457		19991002		
US 20030171351	A1	20030911	US 2002-252385		20020924		
US 6686395	В2	20040203					
US 20040102513	A1	20040527	US 2003-691624		20031024		
US 7514582	B2	20090407					
US 20090192096	A1	20090730	US 2009-419069		20090406		
PRIORITY APPLN. INFO.:			DE 1999-19947457	A	19991002		
			US 2000-675674	A2	20000929		
			US 2000-698078	А3	20001030		
			US 2002-252385	A3	20020924		
			US 2003-691624	A1	20031024		

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 138:221357

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Title compds. [I; R1 = CO2R9, SO2R10, COR11, CONR12R13, CSNR12R13; R9, R10, R11, R12 = CmH2mR14; m = 0-4; R14 = (fluoro)alkyl, cycloalkyl, (un)substituted Ph, naphthyl, furyl, etc.; m ≠ 0 if R14 = (cyclo)alkoxy, SO2Me, or OPh; R2 and R13 = independently H, alkyl, or CF3; R3 = CnH2nR16 or CHR18R19; n = 0-4; n ≠ 0 if R16 = OR17, SO2Me; R17 = H, (cyclo)alkyl, (un)substituted Ph, or pyridyl, R16 = (fluoro)alkyl, cycloalkyl, (un)substituted Ph, naphthyl, furyl, etc.; R18 = H or CpH2pR16; p = 0-3; R19 = CO2H, CONH2, CH2OH, etc.; R4 = H, alkyl, or CF3; or NR3R4 = heterocyclyl; R5, R6, R7, R8 = independently H, halo, CF3, NO2, cyano, etc.; R30 and R31 = independently H or alkyl; CR30R31 = cyclopropyl; and pharmaceutically acceptable salts thereof] were prepared Thus, 2'-aminomethylbiphenyl-2-(N-phenethyl)carboxamide (preparation given) and NaHCO3 in dioxane and H2O were treated dropwise with 4-trifluoromethylbenzyl-N-succinimide carbonate (preparation given) in dioxane

followed by 12 h stirring at room temperature to give 2'-(4-trifluoromethylbenzyloxycarbonylaminomethyl)-biphenyl-2-(N-phenethyl)carboxamide. Tested I inhibited Kv1.5 potassium flow with IC50 = 0.2  $\mu$ M - 11.3  $\mu$ M. Thus, I are especially suitable as antiarrhythmic active agents, in particular for the treatment and prophylaxis of atrial arrhythmia, e.g. atrial fibrillation (AF) or atrial flutter (no data).

IT 498578-07-7P 498578-08-8P 498578-12-4P 498578-13-5P 498578-16-8P 498578-18-0P 498578-21-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(antiarrhythmic; preparation of aminomethylbiphenylcarboxamides as Kv1.5 potassium channel blockers)

RN 498578-07-7 CAPLUS

CN [1,1'-Bipheny1]-2-carboxamide, N-(2-pyridiny1methy1)-2'-[[[[[4-(trifluoromethy1)pheny1]amino]carbony1]amino]methy1]- (CA INDEX NAME)

RN 498578-08-8 CAPLUS

CN

[1,1'-Biphenyl]-2-carboxamide, N-[3-(1H-imidazol-1-yl)propyl]-2'-[[[[[3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 498578-12-4 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[2-(2-methoxyphenyl)ethyl]-2'-[[[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 498578-13-5 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[2-(2,4-dichlorophenyl)ethyl]-2'-[[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 498578-16-8 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[2-(2-pyridinyl)ethyl]-2'-[[[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 498578-18-0 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[2-(2-pyridinyl)ethyl]-2'-[[[[[3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 498578-21-5 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[2-[4-(aminosulfonyl)phenyl]ethyl]-2'[[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 37 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2003:193044 CAPLUS <u>Full-text</u>

DOCUMENT NUMBER: 138:187521

TITLE: Preparation of 2'-aminomethylbiphenyl-2-carboxamides

as Kv1.5 potassium channel blockers.

INVENTOR(S): Brendel, Joachim; Schmidt, Wolfgang; Below, Peter

PATENT ASSIGNEE(S): Aventis Pharma Deutschland G.m.b.H., Germany

SOURCE: PCT Int. Appl., 125 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PATENT	KIN	D	DATE			APPL	ICAT	DATE								
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WO 2001	A1		2001	0412		WO 2	000-	EP91	51		2	0000	919			
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PRIORITY APPLN. INFO.:
                                             DE 1999-19947457
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                                             WO 2000-EP9151
OTHER SOURCE(S):
                         MARPAT 138:187521
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GΙ

AB Title compds. [I; R1 = CO2R9, SO2R10, COR11, CONR12R13, CSNR12R13; R9, R10, R11, R12 = CmH2mR14; m = 0-4; R14 = (fluoro)alkyl, cycloalkyl, (un)substituted Ph, naphthyl, furyl, etc.;  $m \neq 0$  if R14 = (cyclo)alkoxy, SO2Me, or OPh; R2 and R13 = independently H, alkyl, or CF3; R3 = CnH2nR16 or CHR18R19; n = 0-4;  $n \neq 0$  if R16 = OR17, SO2Me; R17 = H, (cyclo)alkyl, (un)substituted Ph, or pyridyl, R16 = (fluoro)alkyl, cycloalkyl, (un)substituted Ph, naphthyl, furyl, etc.; R18 = H or CpH2pR16; p = 0-3; R19 = CO2H, CONH2, CH2OH, etc.; R4 = H, alkyl,

or CF3; or NR3R4 = heterocyclyl; R5, R6, R7, R8 = independently H, halo, CF3, NO2, cyano, etc.; R30 and R31 = independently H or alkyl; CR30R31 = cyclopropyl; and pharmaceutically acceptable salts thereof] were prepared Thus, 2'-aminomethylbiphenyl-2-(N-phenethyl)carboxamide (preparation given) and NaHCO3 in dioxane and H2O were treated dropwise with 4-trifluoromethylbenzyl-N-succinimide carbonate (preparation given) in dioxane followed by 12 h stirring at room temperature to give 2'-(4-trifluoromethylbenzyloxycarbonylaminomethyl)-biphenyl-2-(N-phenethyl)carboxamide. Tested I inhibited Kv1.5 potassium flow with IC50 = 0.2  $\mu\text{M}$  - 11.3  $\mu\text{M}$ . Thus, I are especially suitable as antiarrhythmic active agents, in particular for the treatment and prophylaxis of atrial arrhythmia, e.g. atrial fibrillation (AF) or atrial flutter (no data).

IT 498578-07-7P 498578-08-8P 498578-12-4P 498578-13-5P 498578-16-8P 498578-18-0P 493578-21-5P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(antiarrhythmic; preparation of aminomethylbiphenylcarboxamides as Kv1.5 potassium channel blockers)

RN 498578-07-7 CAPLUS

CN

[1,1'-Biphenyl]-2-carboxamide, N-(2-pyridinylmethyl)-2'-[[[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 498578-08-8 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[3-(1H-imidazol-1-yl)propyl]-2'-[[[[[3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 498578-12-4 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[2-(2-methoxyphenyl)ethyl]-2'-[[[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 498578-13-5 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[2-(2,4-dichlorophenyl)ethyl]-2'-[[[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 498578-16-8 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[2-(2-pyridinyl)ethyl]-2'-[[[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 498578-18-0 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[2-(2-pyridinyl)ethyl]-2'-[[[[[3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 498578-21-5 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[2-[4-(aminosulfonyl)phenyl]ethyl]-2'[[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD

(8 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 38 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2003:5963 CAPLUS Full-text

DOCUMENT NUMBER: 138:73267

TITLE: Preparation of 6-phenylpyrrolopyrimidinediones as A2

adenosine receptor inhibitors

INVENTOR(S): Vidal Juan, Bernat; Esteve Trias, Cristina; Segarra

Matamoros, Victor; Ravina Rubira, Enrique; Fernandez Gonzalez, Franco; Loza Garcia, Maria Isabel; Sanz

Carreras, Ferran

PATENT ASSIGNEE(S): Almirall Prodesfarma S.A., Spain

SOURCE: PCT Int. Appl., 168 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

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WO 2003000694
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             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH,
             PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ,
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PRIORITY APPLN. INFO.:
                                             ES 2001-1452
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OTHER SOURCE(S):
                         MARPAT 138:73267
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Ι

$$\begin{array}{c|c}
R^1 & \stackrel{\circ}{\longrightarrow} & \stackrel{H}{\longrightarrow} & R^5 \\
0 & \stackrel{\circ}{\longrightarrow} & \stackrel{R}{\longrightarrow} & R^5 \\
R_2 & \stackrel{\circ}{\longrightarrow} & R_3 & R_4
\end{array}$$

GΙ

ΙT

The title compds. [I; R1, R2 = H, (CH2)nR7, (un)substituted alkyl (wherein n = 0-4; R7 = cycloalkyl, (un)substituted Ph, 3-7 membered (non)aromatic ring containing 1-4 heteroatoms and which is optionally fused to (hetero)aromatic ring); R3 = H, halo, NO2, etc.; R4, R5 = H, halo, alkyl, etc.; L1 = a direct bond, O, S, etc.; R6 = CONR10R11, SO2NR10R11, ON:CR12R13, aryl, etc.; R10, R11 = H, alkyl, cycloalkyl, etc.; R12, R13 = defined as R10 and R11, except that either or both of R12 and R13 can be an amino, alkylamino or dialkylamino] which have therapeutic potential as A2 adenosine receptor inhibitors (biol. data given), were prepared and formulated. Thus, coupling {4-[2-(5-nitro-2,6-dioxo-1,3-dipropyl-1,2,3,6-tetrahydropyrimidin-4-yl)vinyl]phenoxy}acetic acid (preparation given) with aniline (yield 42%) followed by reductive cyclization of the resulting intermediate mediated by triethylphosphite (46%) afforded I [R1, R2 = Pr; R3-R5 = H; L1 = OCH2; R6 = CONHPh].

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(preparation of 6-phenylpyrrolopyrimidinediones as A2 adenosine receptor inhibitors)

RN 480991-24-0 CAPLUS

480991-24-0P

CN Acetamide, 2-[4-(2,3,4,5-tetrahydro-2,4-dioxo-1,3-dipropyl-1H-pyrrolo[3,2-d]pyrimidin-6-yl)phenoxy]-N-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 16 THERE ARE 16 CAPLUS RECORDS THAT CITE THIS

RECORD (16 CITINGS)

REFERENCE COUNT: 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 39 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2002:832787 CAPLUS  $\underline{\text{Full-text}}$ 

DOCUMENT NUMBER: 137:337786

TITLE: Preparation of chiral alkylaminochroman derivatives as

 $\beta$ 3-adrenoreceptor agonists

INVENTOR(S): O'Connor, Stephen J.; Ladouceur, Gaetan H.; Bullock,

William H.; Campbell, Ann-Marie; Dai, Miao; Dally, Robert; Dumas, Jacques; Hatoum-Mokdad, Holia N.;
Khira Hday: Lee Wendy: Liu Oingije: Love Derek B

Khire, Uday; Lee, Wendy; Liu, Qingjie; Lowe, Derek B.; Magnuson, Steven R.; Qi, Ning; Shelekhin, Tatiana E.;

Shen, Quanrong; Smith, Roger A.; Wang, Ming

PATENT ASSIGNEE(S): Bayer Corporation, USA

SOURCE: PCT Int. Appl., 193 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA:	PATENT NO.				KIND DATE			APPLICATION NO.							DATE			
WO	2002	20858	 91		A1	_	2002	1031		 WO 2	002-	 US12		2	 0020	422		
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US	20050215594			A1		2005	0929		US 2	005-	1177	59	20050428					

US 2001-285719P P 20010423 US 2001-324518P P 20010926 US 2002-131448 A1 20020422 WO 2002-US12940 W 20020422 US 2003-666903 A3 20030917

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 137:337786

$$(R)_{n}$$
  $Ar$   $(CH_{2})_{m}$   $OH$   $II$ 

This invention relates to novel 2,6-substituted chroman derivs. which are AB useful in the treatment of  $\beta3$ -adrenoreceptor mediated conditions. Title compds. I [wherein R = independently OH, :O, halo, CN, NO2, (halo)alkyl, CF3, NR1R1, SR1, OR1, SO2R2, OCOR2, NR1COR2, COR2, NR1SO2R2, or (un) substituted Ph or heterocyclyl; R1 = independently H, (CH2)mO(CH2)mR5, or (un)substituted (cyclo)alkyl, Ph, or naphthyl; or NR1R1 = heterocyclyl; R2 = independently R1, OR1, NR1R1, or (un)substituted NHSO0-2-Ph, NHSO0-2-naphthyl, NHSO0-2-alkyl, or heterocyclyl; R3 = H, alkyl, or COR3; R4 = H, alkyl(phenyl), or alkylpyridyl; R5 = H or CO2H; R6 = H or (un) substituted alkyl or alkyl-SO0-2-alkyl; Ar = Ph or (fused) hetero(aryl); Y = halo, NO2, R6, SR1, SO0-2C6H4CO2R1, (CONR4CR4R4)pCO2R1, or (un)substituted Ph or heterocyclyl; m = 1-3; n = 0-5; p = 1 or 2; and pharmaceutically acceptable salts and esters thereof] were prepared as  $\beta$ 3-adrenoceptor agonists. For example, coupling of (2R)-6-iodo-3,4-dihydro-2H-chromene-2-carboxylic acid and (1R)-2-amino-1-(3pyridinyl)ethanol. 2HCl with 1-hydroxybenzotriazole, 1-(3-dimethylaminopropyl)-3-ethylcarbodiimide•HCl, and TEA in CH2Cl2 gave the amide (74%). Reduction using borane-dimethylsulfide complex in THF afforded the chromanmethaneamine II (84%). Over one hundred compds, of the invention demonstrated  $\beta$ 3adrenergic receptor agonist activity with EC50 values  $\leq 1 \mu M$ . I are useful in the treatment of  $\beta$ 3-adrenergic receptor mediated conditions, including obesity, diabetes, gastrointestinal disorders, cardiovascular disorders, and urinary disorders (no data).

( $\beta3\text{-adrenoreceptor agonist;}$  preparation of chiral alkylaminochroman derivs. as  $\beta3\text{-adrenoreceptor agonists)}$ 

RN 474114-16-4 CAPLUS

CN Benzenesulfonamide, 3-[(2R)-3,4-dihydro-2-[[[(2R)-2-hydroxy-2-(3-pyridinyl)ethyl]amino]methyl]-2H-1-benzopyran-6-yl]-N-[[[3-(trifluoromethyl)phenyl]amino]carbonyl]- (CA INDEX NAME)

PAGE 1-A

PAGE 1-B



OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 40 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2002:814125 CAPLUS  $\underline{\text{Full-text}}$ 

DOCUMENT NUMBER: 137:325438

TITLE: Preparation of dihydro-benzo[b][1,4]diazepin-2-one

derivatives as metabotropic glutamate receptor 2

(mGluR2) antagonists

INVENTOR(S): Adam, Geo; Goetschi, Erwin; Mutel, Vincent; Wichmann,

Juergen; Woltering, Thomas Johannes

PATENT ASSIGNEE(S): F. Hoffmann-La Roche AG, Switz.

SOURCE: PCT Int. Appl., 116 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PAT	PATENT NO.				KIND		DATE		APPLICATION NO.							DATE			
WO	2002	0836	65		A1 2002102			1024	WO 2002-EP3643							20020402			
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		BF,	ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	ΤG		
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	1522252	A		CN 2002-807821	20020402			
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PRIORITY	APPLN. INFO	0.:			A 20010412			
				WO 2002-EP3643	W 20020402			

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 137:325438
GI

$$\mathbb{R}^1$$
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 $\mathbb{R}^2$ 
 $\mathbb{R}^3$ 

This invention is concerned with dihydro-benzo[b][1,4]diazepin-2-one derivs. of general formula [I; R1 = cyano, each (un)substituted fluoro-lower alkyl, lower alkoxy, fluoro-lower alkoxy, or is pyrrol-1-yl; R2 = H, if R1 is optionally substituted pyrrol-1-yl as defined above, or R2 = halogen, HO, lower alkyl, fluoro-lower alkyl, lower alkoxy, hydroxymethyl, hydroxyethoxy, lower alkoxy(ethoxy)n (n = 1-4), lower alkoxymethyl, cyanomethoxy, morpholin-4-yl, thiomorpholin-4-yl, 1-oxothiomorpholin-4-yl, 1,1-dioxothiomorpholin-4-yl, 4-oxopiperidin-1-yl 4-alkoxypiperidin-1-yl, 4-hydroxypiperidin-1-yl, 4-hydroxypiperidin-1-yl, 4-hydroxypiperidin-1-yl, 4-lower alkylpiperazin-1-yl, alkoxycarbonyl, 2-

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dialkylaminoethylsulfanyl, N,N-bis(lower alkyl)amino-lower alkyl,
carbamoylmethyl, etc.; Y = CH, N; R3 = halogen, lower alkyl, fluoro-lower
alkyl, lower alkoxy, cyano, -(CH2)nCO-OR''-(CH2)n-CO-NR'R'', or
(un) substituted five-membered aromatic heterocycle; R' = H, lower alkyl, C3-6-
cycloalkyl, fluoro-lower alkyl or 2-lower alkoxy-lower alkyl; R" = H, lower
alkyl, C3-6-cycloalkyl, fluoro-lower alkyl, 2-lower alkoxy lower alkyl, -
(CH2)2-4-di-lower alkylamino, -(CH2)2-4-morpholinyl, -(CH2)2-4-pyrrolidinyl, -
(CH2)2-4-piperidinyl, 3-hydroxy-lower alkyl; n = 0-4] and their
pharmaceutically acceptable addition salts. The invention further relates to
medicaments containing these compds. and a process for their preparation as
well as their use for preparation of medicaments for the treatment or
prevention of acute and/or chronic neurol. disorders including psychosis,
schizophrenia, Alzheimer's disease, cognitive disorders and memory deficits.
Thus, a mixture of (2-amino-5-thiomorpholin-4-yl-4-
trifluoromethylphenyl)carbamic acid tert-Bu ester and 3-(2-cyanopyridin-4-yl)-
3-oxopropionic acid tert-Bu ester in toluene was heated to 80-120° to give [2-
[3-(2-cyanopyridin-4-yl)-3-oxopropionylamino]-5-thiomorpholin-4-yl-4-
trifluoromethylphenyl]carbamic acid tert-Bu ester which was treated with
CF3CO2H in CH2Cl2 to give 4-(4-0xo-8-thiomorpholin-4-yl-7-trifluoromethyl-
4,5-dihydro-3H-benzo[b][1,4]diazepin-2-yl)pyridine-2-carbonitrile (II). II in
vitro inhibited the [3H]-LY354740 binding on mGluR2 transfected CHO cell
membranes with Ki of 0.0009 \mu M.
473538-38-4P
              473538-40-8P,
[2-[[3-[3-(3-Methylisoxazol-5-yl)phenyl]-3-oxopropionyl]amino]-5-morpholin-
4-yl-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
473538-59-9F, [2-[[3-[3-(2-Methyl-2H-pyrazol-3-yl)phenyl]-3-
oxopropionyl]amino]-5-(morpholin-4-yl)-4-trifluoromethylphenyl]carbamic
acid tert-butyl ester 473538-60-2P 473538-61-3P,
[2-[3-(3-(5-((Dimethylamino)methyl)-[1,2,3]triazol-1-yl)phenyl]-3-
oxopropionyl] \verb|amino|| -5 - (morpholin-4-yl) -4 - trifluoromethylphenyl] carbamic
acid tert-butyl ester
                       473538-62-4P,
[2-[[3-[3-(3-Methylisoxazol-5-y1)phenyl]-3-oxopropionyl]amino]-5-
thiomorpholin-4-yl-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
             473538-66-8P,
473538-64-6P
[5-Methoxy-2-[[3-[3-(3-methylisoxazol-5-yl)phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473538-67-9P
               473538-68-0P
                             473538-69-1P,
[5-(Morpholin-4-v1)-2-[(3-oxo-3-(3-(pvrazol-1-v1)phenv1)propionv1]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473538-70-4P, [5-(Morpholin-4-yl)-2-[[3-oxo-3-(3-(4H-
[1,2,4]triazol-4-yl)phenyl)propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473538-71-5P 473538-72-6P 473538-74-8P,
[5-Ethoxy-2-[[3-oxo-3-(3-([1,2,3]triazol-1-yl)phenyl)propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473538-75-9P, [5-Methoxy-2-[[3-oxo-3-(3-([1,2,3]triazol-1-
yl)phenyl)propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 473538-80-6P
                                 473538-81-7P,
[5-Chloro-2-[[3-[3-(3-methylisoxazol-5-yl)phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
              473538-84-0P,
473538-83-9P
[5-Methyl-2-[[3-[3-(3-methylisoxazol-5-yl)phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473538-85-1P, [5-Chloro-2-[[3-oxo-3-(3-([1,2,4]triazol-1-
v1) phenv1) propionv1] amino]-4-trifluoromethylphenv1] carbamic acid
tert-butyl ester 473538-86-2P,
[5-Chloro-2-[3-(3-(imidazol-1-y1)pheny1)-3-oxopropiony1]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473538-87-3P, [5-Chloro-2-[[3-oxo-3-(3-([1,2,3]triazol-1-
yl)phenyl)propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
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ΙT

tert-butyl ester 473538-88-4P, [5-Methyl-2-[[3-oxo-3-(3-([1,2,4]triazol-1-yl)phenyl)propionyl]amino]-4trifluoromethylphenyl]carbamic acid tert-butyl ester 473538-89-5P, [5-Methyl-2-[[3-(3-(imidazol-1-yl)phenyl)-3oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 473538-90-8P, [5-Methyl-2-[[3-oxo-3-(3-([1,2,3]triazol-1yl)phenyl)propionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 473538-91-9P, [5-Methyl-2-[(3-oxo-3-(3-(pyrazol-1-yl)phenyl)propionyl]amino]-4trifluoromethylphenyl]carbamic acid tert-butyl ester 473538-92-0P RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of dihydro-benzo[b][1,4]diazepin-2-one derivs.

as

metabotropic glutamate receptor 2 (mGluR2) antagonists for treatment and/or prevention of acute and/or chronic neurol. disorders)

473538-38-4 CAPLUS RN

Carbamic acid, [2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-CN yl)oxy]methyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-5-(4morpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

473538-40-8 CAPLUS RN

Carbamic acid, [2-[3-(3-methyl-5-isoxazolyl)phenyl]-1,3-CN dioxopropyl]amino]-5-(4-morpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

473538-59-9 CAPLUS RN

Carbamic acid, [2-[[3-(3-(1-methyl-1H-pyrazol-5-yl)phenyl]-1,3-CN dioxopropyl]amino]-5-(4-morpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-60-2 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[3-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-5-isoxazolyl]phenyl]propyl]amino]-5-(4-morpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-61-3 CAPLUS

CN Carbamic acid, [2-[[3-[5-[(dimethylamino)methyl]-1H-1,2,3-triazol-1-yl]phenyl]-1,3-dioxopropyl]amino]-5-(4-morpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-62-4 CAPLUS

CN Carbamic acid, [2-[[3-[3-(3-methyl-5-isoxazolyl)phenyl]-1,3-dioxopropyl]amino]-5-(4-thiomorpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-64-6 CAPLUS

CN Carbamic acid, [5-(1,1-dioxido-4-thiomorpholiny1)-2-[[1,3-dioxo-3-[3-[5-[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-66-8 CAPLUS

CN Carbamic acid, [5-methoxy-2-[[3-[3-(3-methyl-5-isoxazolyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-67-9 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-5-methoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-68-0 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-3-isoxazolyl]phenyl]propyl]amino]-5-(4-morpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-69-1 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(1H-pyrazol-1-yl)phenyl]propyl]amino]-5-(4-morpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-70-4 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(4H-1,2,4-triazol-4-yl)phenyl]propyl]amino]-5-(4-morpholinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-71-5 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-y1)oxy]methyl]-1H-1,2,3-triazol-1-y1]phenyl]propyl]amino]-5-fluoro-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-72-6 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-74-8 CAPLUS

CN Carbamic acid, N-[2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-5-ethoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473538-75-9 CAPLUS

CN Carbamic acid, N-[2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-5-methoxy-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473538-80-6 CAPLUS

CN Carbamic acid, [5-chloro-2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-81-7 CAPLUS

CN Carbamic acid, [5-chloro-2-[[3-[3-(3-methyl-5-isoxazolyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-83-9 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-84-0 CAPLUS

CN Carbamic acid, [5-methyl-2-[[3-[3-(3-methyl-5-isoxazolyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-85-1 CAPLUS

CN Carbamic acid, [5-chloro-2-[[1,3-dioxo-3-[3-(1H-1,2,4-triazol-1-yl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-86-2 CAPLUS

CN Carbamic acid, N-[5-chloro-2-[[3-[3-(1H-imidazol-1-yl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473538-87-3 CAPLUS

CN Carbamic acid, N-[5-chloro-2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473538-88-4 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(1H-1,2,4-triazol-1-yl)phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-89-5 CAPLUS

CN Carbamic acid, N-[2-[[3-[3-(1H-imidazol-1-yl)phenyl]-1,3-dioxopropyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473538-90-8 CAPLUS

CN Carbamic acid, N-[2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473538-91-9 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(1H-pyrazol-1-yl)phenyl]propyl]amino]-5-methyl-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473538-92-0 CAPLUS

CN Carbamic acid, [5-chloro-2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-1,2,4-triazol-1-yl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD

(6 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 41 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2002:814112 CAPLUS Full-text

DOCUMENT NUMBER: 137:325447

TITLE: Preparation of dihydrobenzo[b][1,4]diazepin-2-ones as

mGluR2 antagonists for treatment of neurological

disorders

INVENTOR(S): Adam, Geo; Goetschi, Erwin; Mutel, Vincent; Wichmann,

Juergen; Woltering, Thomas Johannes

PATENT ASSIGNEE(S): F. Hoffmann-La Roche AG, Switz.

SOURCE: PCT Int. Appl., 202 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PAT	FENT	NO.			KIN				APPLICATION NO.						DATE			
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 137:325447

Title compds. I [wherein X = single bond or ethynediyl group; when X = singleAΒ bond, R1 = CN , halo, (cyclo)alkyl, (fluoro)alkoxy, fluoroalkyl, or (un) substituted pyrrolyl or Ph; when X = ethynediyl, R1 = (un) substituted Ph; R2 = NR4R5, alkoxy, or R5-(un)substituted oxopiperazinyl, pyrrolidinyl, or piperidinyl; R3 = halo, (fluoro)alkyl, alkoxy, CN, (CH2)nCO2R5, (CH2)nCONR4R5, or (un) substituted 5-membered heteroaryl; R4 = H, (cyclo) alkyl, fluoroalkyl, or alkoxyalkyl; R5 = H, (cyclo)alkyl, fluoroalkyl, alkoxyalkyl, (CH2)mdialkylamino, (CH2)m-morpholinyl, (CH2)m-pyrrolidinyl, (CH2)m-piperidinyl, or hydroxyalkyl; Y = CH, or N; m = 2-4; n = 0-4; or their pharmaceutically acceptable salts thereof] were prepared as metabotropic glutamate receptor 2 (mGluR2) antagonists. For example, coupling (5-amino-2-dimethylamino-2',3'difluorobiphenyl-4- yl)carbamic acid tert-Bu ester with 3-oxo-3-(3-[1,2,3]triazol-1-ylphenyl)propionic acid Et ester (preparation of starting materials given) in toluene afforded the amide, which was cyclized using TFA to give the benzodiazepinone II (Ki =  $0.070 \, \mu M$ ). Twenty-nine compds. of the invention displayed mGluR2 antagonist activity with Ki values ranging from  $0.003~\mu\mathrm{M}$  to  $0.48~\mu\mathrm{M}$ . Thus, I are useful for the treatment or prevention of acute and/or chronic neurol. disorders, such as psychosis, schizophrenia, Alzheimer's disease, cognitive disorders, and memory deficits (no data). ΙT 473549-06-3P, [5-Dimethylamino-2-[[3-oxo-3-[3-[5-(tetrahydropyran-2-yloxymethyl)-1,2,3-triazol-1-yl]phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 473549-07-4P, [5-Dimethylamino-2-[[3-[3-(3-methylisoxazol-5yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 473549-20-1P, [5-Dimethylamino-2-[[3-[3-(2-methyl-2H-pyrazol-3-yl)phenyl]-3oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester 473549-23-4F 473549-26-7P, [2-[3-0xo-3-[3-[5-(tetrahydropyran-2-yloxymethyl)-1,2,3-triazol-1yl]phenyl]propionyl]amino]-5-(pyrrolidin-1-yl)-4trifluoromethylphenyl]carbamic acid tert-butyl ester 473549-30-3P, [5-Dimethylamino-2-[[3-oxo-3-[3-[3-(tetrahydropyran-2-yloxymethyl)isoxazol-5-yl]phenyl]propionyl]amino]-4trifluoromethylphenyl]carbamic acid tert-butyl ester 473549-33-6P, [5-Dimethylamino-2-[[3-oxo-3-[3-[5-(tetrahydropyran-

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2-yloxymethyl)isoxazol-3-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473549-39-2P, [2-[[3-0xo-3-[3-[5-(tetrahydropyran-2-
yloxymethyl)isoxazol-3-yl]phenyl]propionyl]amino]-5-(pyrrolidin-1-yl)-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473549-41-6P, [5-(Azetidin-1-y1)-2-[[3-[3-(3-methylisoxazol-5-
yl)phenyl]-3-oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                 473549-43-8P,
[5-(Azetidin-1-v1)-2-[[3-oxo-3-[3-[5-(tetrahydropyran-2-vloxymethyl)-1,2,3-
triazol-1-yl]phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
                  473549-44-9P,
tert-butyl ester
[5-Dimethylamino-2-[[3-oxo-3-[3-(pyrazol-1-yl)phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473549-45-0P, [5-Dimethylamino-2-[[3-[3-(imidazol-1-yl)phenyl]-3-
oxopropionyl]amino]-4-trifluoromethylphenyl]carbamic acid tert-butyl ester
473549-47-29, [5-Dimethylamino-2-[[3-0x0-3-[3-[4-(tetrahydropyran-
2-yloxymethyl)pyrazol-1-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473549-46-3P, [5-Dimethylamino-2-[[3-[3-[3-methyl-4-
(tetrahydropyran-2-yloxymethyl)isoxazol-5-yl]phenyl]-3-oxopropionyl]amino]-
4-trifluoromethylphenyl]carbamic acid tert-butyl ester
473549-49-4P, [5-Dimethylamino-2-[[3-oxo-3-[3-[4-(tetrahydropyran-
2-yloxymethyl)isoxazol-3-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473549-50-79, [5-Dimethylamino-2-[[3-[3-(2-methylsulfanylimidazol-
1-yl)phenyl]-3-oxopropionyl[amino]-4-trifluoromethylphenyl]carbamic acid
                  473549-51-8P,
tert-butyl ester
[5-Dimethylamino-2-[[3-[3-[2-methyl-4-(tetrahydropyran-2-yloxymethyl)-2H-
pyrazol-3-yl]phenyl]-3-oxopropionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473549-53-0P, [5-Dimethylamino-2-[[3-\infty0-3-[3-(1,2,4-triazol-1-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 473549-55-2P 473549-57-4P,
[5-Dimethylamino-2-[[3-oxo-3-[3-[2-[2-(tetrahydropyran-2-yloxy)ethyl]-2H-
pyrazol-3-yl]phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 473549-60-9P,
[5-Dimethylamino-2-[3-oxo-3-[3-[5-[2-(tetrahydropyran-2-yloxy)ethyl]-
1,2,3-triazol-1-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473549-61-0P, [5-Dimethylamino-2-[[3-0x0-3-[3-[5-(tetrahydropyran-
2-yloxymethyl)pyrazol-1-yl]phenyl]propionyl]amino]-4-
trifluoromethylphenyl]carbamic acid tert-butyl ester
473549-62-1P, [5-Dimethylamino-2-[[3-\infty0-3-[3-(1,2,3-triazol-1-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 473549-90-5P 473549-91-6P
473549-92-7P 473549-93-8P 473549-94-9P
473549-95-0P 473550-05-9P 473550-06-0P
             473550-10-6P 473550-12-8P
473550-07-1P
473550-13-9P, [2-[[3-[3-(Imidazol-1-yl)phenyl]-3-
oxopropionyl]amino]-5-isobutylamino-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                  473550-16-2P,
[5-(Isobutylamino)-2-[[3-oxo-3-[3-(1,2,3-triazol-1-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester
                  473550-18-4P,
[5-(Isobutylamino)-2-[[3-oxo-3-[3-(1,2,4-triazol-1-
yl)phenyl]propionyl]amino]-4-trifluoromethylphenyl]carbamic acid
tert-butyl ester 473553-34-3P
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
(Reactant or reagent)
   (intermediate; preparation of benzodiazepinone mGluR2 antagonists by
```

coupling benzenediamines with dioxinones or oxopropanoates followed by cyclization)

RN 473549-06-3 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-07-4 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-(3-methyl-5-isoxazolyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-20-1 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-(1-methyl-1H-pyrazol-5-yl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-23-4 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-[5-[(dimethylamino)methyl]-1H-1,2,3-triazol-1-yl]phenyl]-1,3-dioxopropyl]amino]-4-

(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-26-7 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-5-(1-pyrrolidinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-30-3 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-[3-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-5-isoxazolyl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ \text{Me}_{2}\text{N} & & \\ & & & \\ & & & \\ \text{NH} & & \\ &$$

RN 473549-33-6 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-3-isoxazolyl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-39-2 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-y1)oxy]methyl]-3-isoxazolyl]phenyl]propyl]amino]-5-(1-pyrrolidinyl)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-41-6 CAPLUS

CN Carbamic acid, [5-(1-azetidinyl)-2-[[3-[3-(3-methyl-5-isoxazolyl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 473549-43-8 CAPLUS

CN Carbamic acid, [5-(1-azetidiny1)-2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-y1)oxy]methy1]-1H-1,2,3-triazol-1-y1]pheny1]propy1]amino]-4-(trifluoromethy1)pheny1]-, 1,1-dimethylethy1 ester (9CI) (CA INDEX NAME)

RN 473549-44-9 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-(1H-pyrazol-1-yl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-45-0 CAPLUS

CN Carbamic acid, N-[5-(dimethylamino)-2-[[3-[3-(1H-imidazol-1-yl)phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473549-47-2 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-[4-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-pyrazol-1-yl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-48-3 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-[3-[3-methyl-4-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-5-isoxazolyl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-49-4 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-[4-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-3-isoxazolyl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-50-7 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-[2-(methylthio)-1H-imidazol-1-yl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$F_3C$$
 $NH$ 
 $C$ 
 $CH_2$ 
 $C$ 
 $Me_2N$ 
 $NH$ 
 $C$ 
 $OB_{U-t}$ 

RN 473549-51-8 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[3-[3-[1-methyl-4-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-pyrazol-5-yl]phenyl]-1,3-dioxopropyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-53-0 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-(1H-1,2,4-triazol-1-yl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-55-2 CAPLUS

CN Carbamic acid, [5-[(cyclopropylmethyl)methylamino]-2-[[1,3-dioxo-3-[3-[5-[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-57-4 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-[1-[2-[(tetrahydro-2H-pyran-2-yl)oxy]ethyl]-1H-pyrazol-5-yl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-60-9 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-[5-[2-[(tetrahydro-2H-pyran-2-yl)oxy]ethyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-61-0 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-pyrazol-1-yl]phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-62-1 CAPLUS

CN Carbamic acid, N-[5-(dimethylamino)-2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 473549-90-5 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-5-(methylpropylamino)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-91-6 CAPLUS

CN Carbamic acid, [2-[[3-[3-(3-methyl-5-isoxazolyl)phenyl]-1,3-dioxopropyl]amino]-5-(methylpropylamino)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-92-7 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-y1)oxy]methyl]-1H-1,2,3-triazol-1-y1]phenyl]propyl]amino]-5-[methyl(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-93-8 CAPLUS

CN Carbamic acid, [2-[[3-[3-(3-methyl-5-isoxazolyl)phenyl]-1,3-dioxopropyl]amino]-5-[methyl(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-94-9 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-[5-[[(tetrahydro-2H-pyran-2-yl)oxy]methyl]-1H-1,2,3-triazol-1-yl]phenyl]propyl]amino]-5-[methyl(1-methylethyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473549-95-0 CAPLUS

CN Carbamic acid, [2-[[3-[3-(3-methyl-5-isoxazolyl)phenyl]-1,3-dioxopropyl]amino]-5-[methyl(1-methylethyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473550-05-9 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(1H-1,2,4-triazol-1-yl)phenyl]propyl]amino]-5-(methylpropylamino)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 473550-06-0 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-5-(methylpropylamino)-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473550-07-1 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(1H-pyrazol-1-yl)phenyl]propyl]amino]-5[methyl(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 473550-10-6 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(1H-1,2,4-triazol-1-yl)phenyl]propyl]amino]-5-[methyl(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 473550-12-8 CAPLUS

CN Carbamic acid, N-[2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-5-[methyl(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\$$

RN 473550-13-9 CAPLUS

CN Carbamic acid, N-[2-[[3-[3-(1H-imidazol-1-yl)phenyl]-1,3-dioxopropyl]amino]-5-[(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 473550-16-2 CAPLUS

CN Carbamic acid, N-[2-[[1,3-dioxo-3-[3-(1H-1,2,3-triazol-1-yl)phenyl]propyl]amino]-5-[(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 473550-18-4 CAPLUS

CN Carbamic acid, [2-[[1,3-dioxo-3-[3-(1H-1,2,4-triazol-1-yl)phenyl]propyl]amino]-5-[(2-methylpropyl)amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 473553-34-3 CAPLUS

CN Carbamic acid, [5-(dimethylamino)-2-[[1,3-dioxo-3-[3-(4H-1,2,4-triazol-4-yl)phenyl]propyl]amino]-4-(trifluoromethyl)phenyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS

RECORD (11 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 42 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2002:555466 CAPLUS Full-text

DOCUMENT NUMBER: 137:125096

TITLE: Preparation of phenyl derivatives containing

inhibitors of coagulation factor for prophylaxis

and/or therapy of thromboembolic disorders

INVENTOR(S): Dorsch, Dieter; Mederski, Werner; Tsaklakidis,

Christos; Cezanne, Bertram; Gleitz, Johannes; Barnes,

Christopher

PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany

SOURCE: PCT Int. Appl., 133 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA:	KIND DATE			APPLICATION NO.						DATE								
								WO 2001-EP14296										
	W:	ΑE,	AG,	AL,	AM,	ΑT,	AU,	AZ,	BA,	BB	, BG,	BR,	BY,	ΒZ,	CA,	CH,	CN,	
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		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE	, KG,	KP,	KR,	KZ,	LC,	LK,	LR,	
		LS,	LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN	, MW,	MX,	MZ,	NO,	NZ,	PH,	PL,	
		PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL	, TJ,	TM,	TR,	TT,	TZ,	UA,	UG,	
		US,	UZ,	VN,	YU,	ZA,	ZW											
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DE	1010	2322			A1		2002	0725		DE	2001-	1010	2322		2	0010	119	
CA	2434	937			A1 20020725				CA 2001-2434937						20011205			
AU	2002	93		A1 20020730				DE 2001-10102322 CA 2001-2434937 AU 2002-227993						20011205				
AU	2002	2279	93		В2		2007	0809										
EP	1351938								EP 2001-989580						20011205			
EP	1351938			B1 20070411														
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		ΙE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL	, TR							
IE, SI, LT, BR 2001016804 CN 1518541			A		2004	0217		BR	2001-	1680	4		2	0011	205			
CN 1518541			A 20040804				CN 2001-823061						20011205					
JP	JP 2004535362			T 20041125				JP 2002-557917						20011205				
JP 4180375			В2															
HU	J 2005000110			A2 20050628				HU 2005-110										
AT	AT 359271 ES 2284718			T 20070515				AT 2001-989580										
ES	S 2284718				T3 20071116				ES	2001-989580					20011205			
MΧ	2003006483			A 20030922				XM	X 2003-6483 N 2003-KN1033					20030718				
	2003						2006	0602		IN	2003-	KN10	33		2	0030	813	
$Z\mathbf{A}$	2003	0064	19		Α		2004	1118			2003-					0030	818	
US 20040087582									US 2003-466680					20031218				
	US 7273867						2007	0925										
IORIT:	ORITY APPLN. INFO.:									DE	2001-	1010	2322		A 2	0010	119	
											2001-	EP14	296		W 2	0011	205	
IED COUDCE(C).					MADI	127.	1 2 E 0 (	0.0										

OTHER SOURCE(S): MARPAT 137:125096

AB Novel compds. of the formula R1R2C6H3-W-X-Y-T in which W, X, Y, T, R1 and R2 are as defined in Patent Claim 1, are inhibitors of coagulation factor Xa and can be employed for the prophylaxis and/or therapy of thromboembolic disorders. Thus, 3-(5-methyl-1,2,4-oxadiazol-3-yl)phenol wa reacted with Et 2-bromovalerate, sodium hydroxide, thionyl chloride, 4-morpholin-4-ylaniline, followed a hydrogenation in acetic acid to give 2-(3-amidinophenoxy)-N-(4-morpholin-4-ylphenyl)valeramide acetate, showing IC50=3x10-7 M and IC50=4.9x10-7 M.

IT 444002-21-SP

RL: IMF (Industrial manufacture); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of Ph derivs. containing inhibitors of coagulation factor for prophylaxis and/or therapy of thromboembolic disorders)

RN 444002-21-5 CAPLUS

CN Pentanamide, N-[4-(2,5-dioxo-1-pyrrolidinyl)-3-(trifluoromethyl)phenyl]-2-[3-(5-methyl-1,2,4-oxadiazol-3-yl)phenoxy]- (CA INDEX NAME)

$$\begin{array}{c|c} \text{Me} & \begin{array}{c} \text{N} & \\ \text{O-NH} \end{array} \\ \end{array} \begin{array}{c} \text{CF3} \\ \end{array} \begin{array}{c} \text{CF3} \\ \end{array} \\ \end{array}$$

OS.CITING REF COUNT: 17 THERE ARE 17 CAPLUS RECORDS THAT CITE THIS

RECORD (17 CITINGS)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 43 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2002:539647 CAPLUS <u>Full-text</u>

DOCUMENT NUMBER: 137:109128

TITLE: Preparation of biaryl compounds for treatment of

hyperlipidemia and arteriosclerosis

INVENTOR(S): Kori, Masakuni; Ishikawa, Eiichiro; Nakata, Mikiyo;

Kobayashi, Makoto

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan

SOURCE: PCT Int. Appl., 470 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

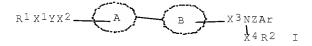
PATENT INFORMATION:

PA	FENT	NO.			KIND		DATE			APPLICATION NO.						DATE		
WO 2002055484				A1 20020718			,	 WO 2	002-	20020110								
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		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH,	
		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KR,	KΖ,	LC,	LK,	LR,	LS,	
		LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MZ,	NO,	NZ,	OM,	PH,	PL,	
		PT,	RO,	RU,	SD,	SE,	SG,	SI,	SK,	SL,	ТJ,	TM,	TN,	TR,	TT,	TZ,	UA,	
		UG,	US,	UZ,	VN,	YU,	ZA,	ZM,	ZW									
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		CY,	DE,	DK,	ES,	FI,	FR,	GB,	GR,	ΙE,	ΙΤ,	LU,	MC,	NL,	PT,	SE,	TR,	
		BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	GQ,	GW,	ML,	MR,	NE,	SN,	TD,	TG	
AU 2002226675				A 1		2002	0724		AU 2002-226675						20020110			

JP 2003055326 A 20030226 JP 2002-4422 20020111
PRIORITY APPLN. INFO.: JP 2001-5823 A 20010112
JP 2001-174901 A 20010608
WO 2002-JP73 W 20020110

OTHER SOURCE(S): MARPAT 137:109128

GΙ



The title compds. I [rings A and B each represents an optionally substituted five- or six-membered aromatic ring; R1 and R2 each represents hydrogen, an optionally substituted hydrocarbon group, or an optionally substituted heterocyclic group; X1, X2, X3, and X4 each represents a bond or an optionally substituted divalent hydrocarbon group; Y represents NR3CO, CONR3, NR3SO2, SO2NR3, NR3CH2 (R3 represents hydrogen, an optionally substituted hydrocarbon group, or an optionally substituted heterocyclic group), etc.; Z represents CONH, CSNH, CO, or SO2; and Ar represents an optionally substituted cyclic hydrocarbon group or an optionally substituted heterocyclic group] are prepared I increase the amount of low-d. lipoprotein (LDL) receptors. The LDL receptor gene transcription promoting activities of compds. of this invention were demonstrated. Processes for preparing I are disclosed.

II 443340-76-9P 443340-77-0P

RL: IMF (Industrial manufacture); PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of biaryl compds. for treatment of hyperlipidemia and arteriosclerosis)

RN 443340-76-9 CAPLUS

CN Carbamic acid, [[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

RN 443340-77-0 CAPLUS

CN Urea, N-[[4'-(aminomethyl)[1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

2 HC1

```
ΙT
     443340-76-1P
                   443340-79-2P
                                    443340-80-5P
     443340-81-6P
                   443340-82-72
                                    443340-83-8P
     443340-84-9P
                    443340-35-0P
                                    443340-86-1P
     443340-87-2P
                    443340-88-3P
                                    443340-89-4P
     443340-90-7P
                    443340-91-8P
                                    443340-97-4P
     443341-26-2P
                    443341-27-3P
                                    443341-28-4P
     443341-29-5F
                    443341-30-8P
                                    443341-31-9P
     443341-32-0F
                    443341-33-1P
                                    443341-34-2P
     443341-35-3P
                    443341-35-4P
                                    443341-40-0P
     443341-42-2P
                                    443341-48-8P
                    443341-45-5P
     443341-49-9P
                    443341-51-3P
                                    443341-53-5P
     443341-55-7P
                    443341-57-9P
                                    443341-59-1P
     443341-61-5P
                                    443341-65-9P
                    443341-63-7P
     443341-68-2P
                    443341-69-3P
                                    443341-72-8P
     443341-73-9P
                    443341-78-4P
                                    443341-79-5P
     443342-57-2P
                    443342-58-3P
                                    443342-59-4P
     443342-60-78
                    443342-63-0P
                                    443342-64-1P
     443342-65-2F
```

RL: IMF (Industrial manufacture); PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of biaryl compds. for treatment of hyperlipidemia and  $\mbox{arteriosclerosis}$ )

RN 443340-78-1 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

RN 443340-79-2 CAPLUS

CN Urea, N-[[4'-[(cyclopentylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA

INDEX NAME)

●2 HC1

RN 443340-80-5 CAPLUS

CN Urea, N-[[4'-[(cycloheptylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HCl

RN 443340-81-6 CAPLUS

CN Urea, N-[[4'-[(cyclooctylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

RN

CN Urea, N-[[4'-[[(cyclohexylmethyl)amino]methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

2 HCl

RN 443340-83-8 CAPLUS

CN Urea, N-[[4'-[[(1-methylethyl)amino]methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

F<sub>3</sub>C

$$O CH_2$$
 $O CH_2$ 
 $O CH_2$ 

RN 443340-84-9 CAPLUS

CN Urea, N-[[4'-[(nonylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

RN 443340-85-0 CAPLUS

CN Urea, N-[[4'-[[bis(3-phenylpropyl)amino]methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

HC1

RN 443340-86-1 CAPLUS

CN Urea, N-[[4'-[[(phenylmethyl)amino]methyl][1,1'-biphenyl]-4-yl]methyl]-N- (3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & &$$

RN 443340-87-2 CAPLUS

CN Urea, N-[[4'-[[[(4-fluorophenyl)methyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ \end{array}$$

●2 HC1

CN Urea, N-(3-pyridinylmethyl)-N-[[4'-[[(3-pyridinylmethyl)amino]methyl][1,1'-biphenyl]-4-yl]methyl]-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:3) (CA INDEX NAME)

F<sub>3</sub>C

$$O CH_2$$
 $O CH_2$ 
 $O CH_2$ 

RN 443340-89-4 CAPLUS

CN Urea, N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-N-[[4'-[[[4-(trifluoromethyl)phenyl]methyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, hydrochloride (1:2) (CA INDEX NAME)

PAGE 1-A

O CH2

NH—C—N—CH2

PAGE 1-A

O CH2

NH—CH2

HC1

PAGE 1-B

**CF**3

RN 443340-90-7 CAPLUS

CN Urea, N-[[4'-[[[(4-methoxyphenyl)methyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-,

PAGE 1-A

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

HC1

PAGE 1-B

**−**OMe

RN 443340-91-8 CAPLUS

CN Urea, N-[[4'-[[bis(cyclohexylmethyl)amino]methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\$$

●2 HC1

RN 443340-97-4 CAPLUS

CN Urea, N'-[3,5-bis(trifluoromethyl)phenyl]-N-[[4'[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3pyridinylmethyl)-, hydrochloride (1:2) (CA INDEX NAME)

$$CF_3$$
 $CH_2$ 
 $NH$ 
 $CH_2$ 
 $NH$ 

RN 443341-26-2 CAPLUS

CN Benzamide, N-[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ &$$

RN 443341-27-3 CAPLUS

CN Cyclohexanecarboxamide, N-[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

RN 443341-28-4 CAPLUS

CN Benzenesulfonamide, N-[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-4-(trifluoromethyl)- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & \\ & & \\ &$$

RN 443341-29-5 CAPLUS

CN Benzamide, N-[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-4-(trifluoromethyl)- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ &$$

RN 443341-30-8 CAPLUS

CN Benzamide, 4-nitro-N-[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

RN 443341-31-9 CAPLUS

CN Benzamide, 4-fluoro-N-[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

RN 443341-32-0 CAPLUS

CN Benzamide, 4-methoxy-N-[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

RN 443341-33-1 CAPLUS

CN Benzamide, 4-methyl-N-[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c} & & & \\ & &$$

RN 443341-34-2 CAPLUS

CN Benzamide, 4-cyano-N-[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

RN 443341-35-3 CAPLUS

CN Hexanamide, N-[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

RN 443341-36-4 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N- (phenylmethyl)-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 443341-40-0 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(2-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

RN 443341-42-2 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(4-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HCl

RN 443341-45-5 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-2-pyridinyl-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

RN 443341-48-8 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-[(2-methyl-3-pyridinyl)methyl]-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

$$\begin{array}{c} N \\ O \\ CH_2 \\ NH \\ CH_2 \\ \end{array}$$

●2 HCl

RN 443341-49-9 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-[(6-methyl-3-pyridinyl)methyl]-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{O} \\ \text{CH}_2 \\ \text{NH-CH}_2 \\ \text{CH}_2 \\ \text{NH-CH}_2 \\ \text{CH}_2 \\ \text{NH-CH}_2 \\ \text{NH-CH}_2$$

2 HC1

RN 443341-51-3 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-phenyl-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)

RN 443341-53-5 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(4-methoxyphenyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)

● HCl

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)

RN 443341-57-9 CAPLUS

CN Urea, N-cyclohexyl-N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)

RN 443341-59-1 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N- (cyclohexylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)

RN 443341-61-5 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(2-thienylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)

RN 443341-63-7 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(2-furanylmethyl)-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 443341-65-9 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(2-phenylethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:1) (CA INDEX NAME)

● HCl

RN 443341-68-2 CAPLUS

CN Urea, N-[[3'-(aminomethyl)[1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CF INDEX NAME)

$$_{\text{F}_{3}\text{C}}$$
CH<sub>2</sub>
 $_{\text{NH}}$ CH<sub>2</sub>—NH<sub>2</sub>
 $_{\text{CH}_{2}-\text{NH}_{2}}$ 

RN 443341-69-3 CAPLUS

CN Urea, N-[[3'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

HCl

RN 443341-72-8 CAPLUS

CN Urea, N-[[3'-(aminomethyl)[1,1'-biphenyl]-3-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

RN 443341-73-9 CAPLUS

CN Urea, N-[[3'-[(cyclohexylamino)methyl][1,1'-biphenyl]-3-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ &$$

HC1

RN

443341-78-4 CAPLUS

CN Urea, N-[[4'-(cyclohexylamino)[1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

●2 HC1

RN 443341-79-5 CAPLUS

CN Urea, N-[(4'-amino[1,1'-biphenyl]-4-yl)methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]-, hydrochloride (1:2) (CA INDEX NAME)

$$_{\mathrm{F_{3}C}}$$
  $_{\mathrm{NH_{2}}}$   $_{\mathrm{NH_{2}}}$   $_{\mathrm{NH_{2}}}$ 

**●**2 HC1

RN 443342-57-2 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-cyclohexyl-4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\$$

RN 443342-58-3 CAPLUS

CN Urea, N-[[4'-(1-piperidinylcarbonyl)[1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

RN 443342-59-4 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-[(4-fluorophenyl)methyl]-4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 443342-60-7 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-(4-methoxyphenyl)-4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]-(CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

RN 443342-63-0 CAPLUS

CN [1,1'-Biphenyl]-4-carboxamide, N-cyclohexyl-4'-[[2-pyridinyl[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 443342-64-1 CAPLUS

CN [1,1'-Biphenyl]-4-acetamide, N-cyclohexyl-4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

RN 443342-65-2 CAPLUS

CN [1,1'-Biphenyl]-4-acetamide, N-(4-methoxyphenyl)-4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl](CA INDEX NAME)

```
IT
     443343-94-0P
                   443343-95-1P
                                   443344-03-4P
     443344-04-5P
                   443344-06-7P
                                   443344-35-2P
     443344-36-3P
                  443344-37-4P
                                   443344-38-5P
     443344-39-6P
                   443344-40-9P
                                   443344-41-0P
                    443344-43-2P
                                   443344-44-3P
     443344-42-1P
     443344-45-4P
                    443344-46-5P
                                   443344-47-6P
     443344-48-7P
                   443344-49-8P
                                   443344-50-1P
                   443344-52-3P
     443344-51-2P
                                   443344-62-5P
     443344-63-6P
                  443344-76-1P
                                   443344-97-6P
     443344-99-8P
                  443345-01-5P
                                   443345-04-8P
     443345-07-1P
                  443345-08-2P
                                   443345-10-6P
     443845-12-8P
                    443345-14-0P
                                   443345-16-2P
     443345-18-4P
                    443345-20-8P
                                   443345-22-0P
     443345-24-2P
                    443345-27-5P
                                   443345-29-7P
     443345-30-02
                    443345-33-3P
                                   443345-34-4P
     443345-39-99
                    443345-40-2P
     RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
     (Reactant or reagent)
        (preparation of biaryl compds. for treatment of hyperlipidemia and
        arteriosclerosis)
     443343-94-0 CAPLUS
RN
     [1,1'-Biphenyl]-4-carboxylic acid,
CN
     4'-[[(3-pyridinylmethyl)[[[4-
     (trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]-, ethyl ester (CA
     INDEX NAME)
```

$$\begin{array}{c|c} & & & \\ & & & \\$$

```
RN 443344-03-4 CAPLUS
CN [1,1'-Biphenyl]-4-carboxylic acid,
    4'-[[2-pyridinyl[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]-
   , ethyl ester (CA INDEX NAME)
```

$$F_3C \longrightarrow NH - CH_2 \longrightarrow CH_2 \longrightarrow CEt$$

RN 443344-04-5 CAPLUS

RN 443344-06-7 CAPLUS

CN [1,1'-Biphenyl]-4-acetic acid, 4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c}
 & \text{CH}_2 \\
 & \text{CH}_2 - \text{CO}_2 \text{H}
\end{array}$$

RN 443344-35-2 CAPLUS

CN Urea, N-[[4'-[(1,3-dihydro-1,3-dioxo-2H-isoindol-2-yl)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & \\ & & \\ & & \\ & & \\ & & \\ \end{array}$$

RN 443344-36-3 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443344-37-4 CAPLUS

CN Urea, N-[[4'-[(cyclohexylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 443344-38-5 CAPLUS

CN Urea, N-[[4'-[(cyclopentylamino)methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 443344-39-6 CAPLUS

CN Carbamic acid, cycloheptyl[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443344-40-9 CAPLUS

CN Carbamic acid, cyclooctyl[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ &$$

RN 443344-41-0 CAPLUS

CN Carbamic acid, (cyclohexylmethyl)[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443344-42-1 CAPLUS

CN Carbamic acid, (1-methylethyl)[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ &$$

RN 443344-43-2 CAPLUS

CN Carbamic acid, nonyl[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443344-44-3 CAPLUS

CN Urea, N-[[4'-[[bis(3-phenylpropyl)amino]methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 443344-45-4 CAPLUS

CN Carbamic acid, [(4-fluorophenyl)methyl][[4'-[[(3-pyridinylmethyl)][[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443344-46-5 CAPLUS

CN Carbamic acid, (3-pyridinylmethyl)[[4'-[[(3-pyridinylmethyl)][[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ &$$

RN 443344-47-6 CAPLUS

CN Carbamic acid, [[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl][[4-(trifluoromethyl)phenyl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443344-48-7 CAPLUS

CN Carbamic acid, [(4-methoxyphenyl)methyl][[4'-[[(3-pyridinylmethyl)][[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443344-49-8 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(3-pyridinylmethyl)[[[2-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-

RN 443344-50-1 CAPLUS

CN Urea, N-[[4'-[[bis(cyclohexylmethyl)amino]methyl][1,1'-biphenyl]-4-yl]methyl]-N-(3-pyridinylmethyl)-N'-[2-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 443344-51-2 CAPLUS

CN Carbamic acid, (cyclohexylmethyl)[[4'-[[(3-pyridinylmethyl)[[[2-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\$$

RN 443344-52-3 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(3-pyridinylmethyl)[[[3-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443344-62-5 CAPLUS

CN Carbamic acid, [[4'-[[[[[3,5-bis(trifluoromethyl)phenyl]amino]carbonyl](3-pyridinylmethyl)amino]methyl][1,1'-biphenyl]-4-yl]methyl]-,
1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443344-63-6 CAPLUS

CN Carbamic acid, [[4'-[[[[[3,5-bis(trifluoromethyl)phenyl]amino]carbonyl](3-pyridinylmethyl)amino]methyl][1,1'-biphenyl]-4-yl]methyl]cyclohexyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443344-76-1 CAPLUS

CN [1,1'-Biphenyl]-4-acetic acid, 4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]-, ethyl ester (CA INDEX NAME)

RN 443344-97-6 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(phenylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \\ \\ \\ \end{array} \end{array} \begin{array}{c} \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \end{array} \begin{array}{$$

RN 443344-99-8 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(2-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-01-5 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(4-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-04-8 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[2-pyridinyl[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-07-1 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[[(2-methyl-3-pyridinyl)methyl][[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & \\ & & & \\ & &$$

RN 443345-08-2 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[[(6-methyl-3-pyridinyl)methyl][[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-10-6 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[phenyl[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-12-8 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(4-methoxyphenyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-14-0 CAPLUS

CN Carbamic acid, [[4'-[[butyl[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4yl]methyl]cyclohexyl-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-16-2 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[cyclohexyl[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-18-4 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(cyclohexylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-20-8 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(2-thienylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-22-0 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(2-furanylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-24-2 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(2-phenylethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c} \begin{array}{c} \begin{array}{c} \\ \\ \\ \\ \end{array} \end{array} \begin{array}{c} \\ \\ \\ \end{array} \begin{array}{c} \\ \\ \end{array} \begin{array}{$$

RN 443345-27-5 CAPLUS

CN Carbamic acid, cyclohexyl[[3'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-29-7 CAPLUS

CN Carbamic acid, [[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-3-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

RN 443345-30-0 CAPLUS

CN Carbamic acid, cyclohexyl[[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-3-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-33-3 CAPLUS

CN Carbamic acid, [[3'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-3-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-34-4 CAPLUS

CN Carbamic acid, cyclohexyl[[3'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-3-yl]methyl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-39-9 CAPLUS

CN Carbamic acid, cyclohexyl[4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

RN 443345-40-2 CAPLUS

CN Carbamic acid, [4'-[[(3-pyridinylmethyl)[[[4-(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl][1,1'-biphenyl]-4-yl]-, 1,1-dimethylethyl ester (9CI) (CA INDEX NAME)

OS.CITING REF COUNT: 1 THERE ARE 1 CAPLUS RECORDS THAT CITE THIS RECORD

(1 CITINGS)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 44 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2002:10426 CAPLUS  $\underline{\text{Full-text}}$ 

DOCUMENT NUMBER: 136:85822

TITLE: Preparation of biphenylcarboxamide compounds as GPR14

antagonists or somatostatin receptor regulators

INVENTOR(S): Tarui, Naoki; Santo, Takashi; Watanabe, Hiroyuki; Aso,

Kazuyoshi; Miwa, Tetsuo; Takekawa, Shiro

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan

SOURCE: PCT Int. Appl., 274 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA	PATENT NO.						DATE			APPL	_				D.	ATE	
WC	200	20006	06												2	0010	628
	W:	AE,	AG,	AL,	ΑM,	ΑT,	ΑU,	ΑZ,	BA,	BB,	BG,	BR,	BY,	BZ,	CA,	CH,	CN,
		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,	GE,	GH,
		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	ΚE,	KG,	KR,	KΖ,	LC,	LK,	LR,	LS,
		LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW,	MX,	MΖ,	NO,	NZ,	PL,	PT,	RO,
		RU,	SD,	SE,	SG,	SI,	SK,	SL,	ΤJ,	TM,	TR,	TT,	TZ,	UA,	UG,	US,	UZ,
		VN,	YU,	ZA,	ZW												
	RV	V: GH,	GM,	ΚE,	LS,	MW,	MZ,	SD,	SL,	SZ,	TZ,	UG,	ZW,	AT,	BE,	CH,	CY,
		DE,	DK,	ES,	FΙ,	FR,	GB,	GR,	ΙE,	IT,	LU,	MC,	NL,	PT,	SE,	TR,	BF,
		ВJ,	CF,	CG,	CI,	CM,	GΑ,	GN,	G₩,	ML,	MR,	ΝE,	SN,	TD,	TG		
AU	200	10663	46		Α		2002	0108		AU 2	001-	6634	6		2	0010	628
JE	200	20804	39		Α		2002	0319		JP 2	001-	1966	45		2	0010	628
EF	129	5867			A1		2003	0326		EP 2	001-	9438	51		2	0010	628
	R:	AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB,	GR,	ΙT,	LI,	LU,	NL,	SE,	MC,	PT,
		IE,	SI,	LT,	LV,	FΙ,	RO,	MK,	CY,	AL,	TR						
US	200	40106	792		A1		2004	0603		US 2	002-	3120	15		2	0021	220
US	709	1247			В2		2006	0815									
PRIORI1	ORITY APPLN. INFO.:			.:						JP 2	000-	2001	18	i	A 2	0000	628
										WO 2	001-	JP55	41	I	v 2	0010	628

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 136:85822

GI

The title compds. (I) or salts thereof [wherein R1 represents hydrogen or AΒ (un) substituted hydrocarbyl; X represents a spacer having a 1 to 12 atom linear chain moiety; A represents (un) substituted amino or N-heterocyclyl; R2 represents (un) substituted hydrocarbyl or amino; and R3 represents (un) substituted hydrocarbyl; ring B and C represent an optionally further substituted benzene ring], which have an antagonism against urotensin II receptor GPR14 (orphan receptor), are prepared These compds. are also somatostatin, in particular somatostatin 5 receptor-function regulators such as somatostatin receptor agonists and antagonists and are useful for the prevention and treatment of hypertension, arteriosclerosis, cardiac hypertrophy, myocardial infarction, diabetes, obesity, diabetes complications, central diseases, digestive tract diseases, glaucoma, acromegaly, or tumor. Thus, 3'-[[2-[4-(aminosulfonyl)phenyl]ethyl]aminomethyl]-N-[2-(1pyrrolidinyl)ethyl]-1,1'- biphenyl-3-carboxamide was condensed with transcinnamic acid using 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride and 1-hydroxybenzoriazole in CH2Cl2 and DMF at room temperature for 18 h to give 3'-[[N-[2-[4-(aminosulfonyl)phenyl]ethyl]-N-[(E)-3-phenyl-2propencyl]amino]methyl]-N-[2-(1-pyrrolidinyl)ethyl]-1,1'-biphenyl-3carboxamide (II). N-(2-aminoethyl)-3'-[[N-[4-(aminosulfonyl)benzoyl]-N-(1-minosulfonyl)benzoyl]naphthylmethyl)amino]methyl]-1,1'-biphenyl-2-carboxamide trifluoroacetate and N-(2-aminoethyl)-3'-[[N-[4-[[[amino(imino)methyl]amino]methyl]benzoyl]- N-(1naphthylmethyl)amino]methyl]-1,1'-biphenyl-2-carboxamide trifluoroacetate showed IC50 of 3 and 6 nM for inhibiting the binding of [1251]-somatostatin to CHO cell line expressing human somatostatin 5 receptor. A capsule and a tablet formulation containing II were prepared ΙT 386296-53-3P 386296--57-7P 386296-61-3P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES

(preparation of biphenylcarboxamide compds. as GPR14 antagonists or somatostatin receptor regulators for therapeutic agents)

386296-53-3 CAPLUS RN CN

[1,1'-Biphenyl]-2-carboxamide, N-(2-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[2-(4-aminoethyl)-3'-[[[2-(4-aminoethyl)-3'-[[2-(4-aminoethyl)-3'-[[2-(4-aminoethyl)-3'-[[2-(4-aminoethyl)-3'-[[2-(4-aminoethyl)-3'-[2-(4-aminoethyl)-3'-[[2-(4-aminoethyl)-3'-[2-(4-aminhydroxyphenyl)ethyl][[[3-(trifluoromethyl)phenyl]amino]carbonyl]amino]meth yl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 386296-52-2 CMF C32 H31 F3 N4 O3

$$H_2N-CH_2-CH_2-NH-C$$

$$CH_2-NH-CH_2$$

$$CH_2$$

$$CH_2$$

$$CH_2$$

$$CH_2$$

CM 2

CRN 76-05-1 CMF C2 H F3 O2

RN 386296-57-7 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-(6-aminohexyl)-3'-[[[2-(4-hydroxyphenyl)ethyl][[[3-(trifluoromethyl)phenyl]amino]carbonyl]amino]meth yl]-, 2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 386296-56-6 CMF C36 H39 F3 N4 O3

CRN 76-05-1 CMF C2 H F3 O2

RN 386296-61-3 CAPLUS

CN [1,1'-Biphenyl]-2-carboxamide, N-[[4-(aminomethyl)cyclohexyl]methyl]-3'-[[[2-(4-hydroxyphenyl)ethyl][[[3-

(trifluoromethyl)phenyl]amino]carbonyl]amino]methyl]-,

2,2,2-trifluoroacetate (1:1) (CA INDEX NAME)

CM 1

CRN 386296-60-2

CMF C38 H41 F3 N4 O3

CM 2

CRN 76-05-1 CMF C2 H F3 O2

OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS RECORD (11 CITINGS)

REFERENCE COUNT: 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS

L4 ANSWER 45 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2001:631913 CAPLUS  $\underline{\text{Full-text}}$ 

DOCUMENT NUMBER: 135:195556

TITLE: Preparation of azolylphenyl oxamides as inosine

monophosphate dehydrogenase (IMPDH) inhibitors Broadhurst, Michael John; Hill, Christopher Huw;

Hurst, David Nigel; Jones, Philip Stephen; Kay, Paul Brittain; Kilford, Ian Reginald; Mckinnell, Robert

Murray

PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.

SOURCE: Eur. Pat. Appl., 256 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

INVENTOR(S):

PA'	TENT	NO.			KIN	D	DATE		I	APF	LIC	CAT	ION	NO.		D	ATE	
EP EP	 1127 1127				A2 A3	_	2001		E	EP	200	)1-	1035	21		2	0010	216
EP	R:	AT,	BE, SI,	•	DE,	,	2002 ES, RO		GB,	GF	₹, ]	ΙΤ,	LI,	LU,	NL,	SE,	MC,	PT,
US	2002	,	•		A1	,	2002	0502	Ţ	JS	200	)1-	7791	16		2	0010	208
US	6867	299			В2		2005	0315										
CA	2337	588			A1		2001	0824		CA	200	1-1	2337	588		2	0010	220
HU	2001	0008	36		A2		2001	1028	F	IU	200	1-8	836			2	0010	221
HR	2001	0001	27		A2		2001	1231	F	ΙR	200	1-1	127			2	0010	221
NO	2001	0009	00		A		2001	0827	1	10	200	1-9	900			2	0010	222
CN	1310	179			Α		2001	0829		CN	200	1-1	1049	06		2	0010	223
BR	2001	0007	90		A		2001	0925	E	3R	200	)1-	790			2	0010	223
IN	2001	0 0 AM	167		Α		2005	0304		ΙN	200	1-1	MA16	7		2	0010	223
JP	2001	2616	63		A		2001	0926		JΡ	200	1-5	5106	4		2	0010	226
PRIORIT	Y APP	LN.	INFO	.:					(	βB	200	00-	4392			A 2	0000	224
									(	βB	200	00-	1587	7		A 2	0000	628
									(	βB	200	00-2	2032	2		A 2	0000	817

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 135:195556

GI

$$\begin{array}{c}
\mathbb{R}^{1} \\
\mathbb{R}^{6}
\end{array}$$

$$\begin{array}{c}
\mathbb{R}^{2} \\
\mathbb{R}^{3} \\
\mathbb{R}^{7}
\end{array}$$

$$\begin{array}{c}
\mathbb{R}^{4}\mathbb{R}^{8}
\end{array}$$

AB Title compds. (I; R1 = heterocyclyl; R2 = H, alkyl, alkoxy, halo, OH, cyano; R3 = H, alkyl, alkoxy, halo, cyano; R4 = H, alkyl, cycloalkyl, aryl, heterocyclyl; R5 = H, alkyl, alkoxy, halo, cyano; R6 = H, alkyl, alkoxy, halo,

cyano; R7, R8 = H, alkyl; R4R8N = heterocyclyl), were prepared Thus, 1,1-dimethyl-3-(4-nitrophenoxy)propylamine (preparation given) was coupled with N-[3-methoxy-4-(5-oxazolyl)phenyl]oxamic acid in the presence of 1-(3-dimethylaminopropyl)-3-ethylcarbodiimide and 1-hydroxy-7-azabenzotriazole to give N-[3-methoxy-4-(5-oxazolyl)phenyl]-N'-[1,1-dimethyl-3-(4-nitrophenoxy)propyl]oxalamide. Tested I inhibited IMPDH with IC50 = 0.010-0.277  $\mu\text{M}.$  I can be used for treating immune mediated conditions or diseases, viral diseases, bacterial diseases, parasitic diseases, inflammation, inflammatory diseases, hyperproliferative vascular diseases, tumors, and cancer.

IT 357184-32-8P 357184-60-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

 $\hbox{ (preparation of azolylphenyl oxamides as inosine monophosphate } \\ \hbox{ dehydrogenase}$ 

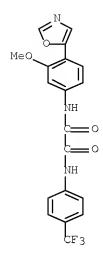
(IMPDH) inhibitors)

RN 357184-32-8 CAPLUS

CN Ethanediamide, N1-[3-methoxy-4-(5-oxazoly1)pheny1]-N2-[3-(trifluoromethy1)pheny1]- (CA INDEX NAME)

RN 357184-60-2 CAPLUS

CN Ethanediamide, N1-[3-methoxy-4-(5-oxazolyl)phenyl]-N2-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)



OS.CITING REF COUNT: 5 THERE ARE 5 CAPLUS RECORDS THAT CITE THIS RECORD

(5 CITINGS)

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 46 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2001:526050 CAPLUS Full-text

DOCUMENT NUMBER: 135:107149

TITLE: Synthesis, antibacterial activity and RNA polymerase

inhibition of phenylamidine derivs.

INVENTOR(S): Li, Leping; Chen, Xiaoqui; Fan, Pingchen; Mihalic,

Jeffrey Thomas; Cutler, Serena

PATENT ASSIGNEE(S): Tularik Inc., USA

SOURCE: PCT Int. Appl., 104 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PAT	CENT 1	NO.			KINI	D	DATE					ION I			D	ATE	
	2001	0514	56				2001 2001	0719	,	WO 2					20	0010	112
	W:	CR, HU, LU, SD,	CU, ID, LV,	CZ, IL, MA, SG,	DE, IN, MD,	DK, IS, MG,	AU, DM, JP, MK, SL,	DZ, KE, MN,	EE, KG, MW,	ES, KP, MX,	FI, KR, MZ,	GB, KZ, NO,	GD, LC, NZ,	GE, LK, PL,	GH, LR, PT,	GM, LS, RO,	HR, LT, RU,
	R₩:	GH, DE,	GM, DK,	KE, ES,	FI,	FR,	MZ, GB, GA,	GR,	IE,	IT,	LU,	MC,	NL,	PT,	SE,		
CA	2397						2001									0010	112
US	2002	0045	749		A1		2002	0418	1	US 2	001-	7596	33		20	0010	112
US	6780	858			В2		2004	0824									
EP	1246	795			A2		2002	0021009 EP 2001-914329					2	0010	112		
EP	1246	795			В1		2007	1031									
	R:				•	•	ES, RO,					LI,	LU,	NL,	SE,	MC,	PT,

JР	2003519676	Т	20030624	JР	2001-551838		20010112
_	376996	T	20071115		2001-914329		20010112
ES	2293980	Т3	20080401	ES	2001-914329		20010112
US	20040235911	A1	20041125	US	2004-877408		20040625
US	7053234	B2	20060530				
US	20060270651	A1	20061130	US	2006-344111		20060201
US	7148259	B1	20061212				
PRIORITY	Y APPLN. INFO.:			US	2000-175892P	Р	20000113
				US	2001-759633	Α1	20010112
				WO	2001-US1219	W	20010112
				US	2004-877408	A3	20040625

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 135:107149

AB Synthesis of hydroxyamidines, e.g. (I) and related compds. are disclosed which are suitable as antibacterial agents by their inhibition of RNA polymerase.

Antibacterial activity against S. aureus and E. coli are given.

Ι

IT 350488-22-1P 350488-23-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(synthesis, antibacterial activity and RNA polymerase inhibition of phenyl- and heterocyclylhydroxyamidine derivs.)

RN 350488-22-1 CAPLUS

CN Carbamic acid, [4-chloro-3-(trifluoromethyl)phenyl]-, [3-(1H-pyrrol-1-yl)-5-(trifluoromethyl)phenyl]methyl ester (9CI) (CA INDEX NAME)

RN 350488-23-2 CAPLUS

CN Urea, N-[4-chloro-3-(trifluoromethyl)phenyl]-N'-[[3-(1H-pyrrol-1-yl)-5-(trifluoromethyl)phenyl]methyl]- (CA INDEX NAME)

THERE ARE 14 CAPLUS RECORDS THAT CITE THIS OS.CITING REF COUNT: 14

RECORD (14 CITINGS)

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 47 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2000:861682 CAPLUS Full-text

DOCUMENT NUMBER: 134:29253

TITLE: Preparation of substituted 8-phenylxanthines as

antagonists of A2B adenosine receptors

INVENTOR(S): Linden, Joel M.; Jocobson, Kenneth A.; Kim, Yong-Chul

PATENT ASSIGNEE(S): University of Virginia Patent Foundation, USA

SOURCE: PCT Int. Appl., 107 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

	TENT						DATE			APPL	ICAT	ION 1	NO.		D	ATE		
WO	2000 2000	0733	07		A2			1207 0531		WO 2	000-	US15:	233		2	0000	601	
	₩:	CU, ID,	CZ, IL,	DE, IN,	DK, IS,	DM, JP,	DZ, KE,	AZ, EE, KG, MW,	ES, KP,	FI, KR,	GB, KZ,	GD, LC,	GE, LK,	GH, LR,	GM, LS,	HR, LT,	HU, LU,	
	RW:	GH, DE,	GM, DK,	KE, ES,	LS, FI,	MW, FR,	MZ, GB,	TR, SD, GR, GW,	SL, IE,	SZ, IT,	TZ, LU,	UG, MC,	ZW, NL,	AT, PT,	BE,	CH,	CY,	ZW
CA	6545 2370 1192	002 598			B1 A1		2003 2000	0408 1207		US 2 CA 2	000- 000-	5055 2370	04 598		2	0000	601	
DDIODIT		IE,	SI,	LT,	DE, LV,			FR,										
LKIOKII	RIORITY APPLN. INFO.:  US 1999-136898P P 19990601  US 1999-136900P P 19990601  US 1999-505504 A 19990601  US 1999-151875P P 19990831  US 2000-505504 A 20000217																	
ASSIGNM	ENT H	TSTO	RY F	OR II.	S PA'	TENT	AWA	TI.AR		WO 2	000-	US15	233	Ţ	w 2			

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 134:29253

GΙ

## \* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

AB The title compds. [I; R, R1 = H, alkyl, alkenyl, etc.; Z = phenylene, cyclohexylene, cyclopentylene; X = alkylene, alkenylene, alkynylene, etc.; R2 = H, alkyl, alkenyl, etc.; R8 = H, cycloalkyl, aralkyl, etc.; R9 = cycloalkyl, aryl, alkyl, etc.] which are selective antagonists of A2B adenosine receptors (ARs), were prepared (general procedures for their preparation were given). Thus, hydrolysis of the ester II with 1N NaOH afforded the title compound III which showed Ki of 3.34 ± 0.51 nM against hA2B receptor binding.

IT 264622-60-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of substituted 8-phenylxanthines as antagonists of A2B adenosine receptors)

RN 264622-60-8 CAPLUS

CN Acetamide, 2-[4-(2,3,6,9-tetrahydro-2,6-dioxo-1,3-dipropyl-1H-purin-8-yl)phenoxy]-N-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{N-Pr} \\ \text{N-Pr} \\ \text{N-H} \end{array}$$

OS.CITING REF COUNT: 11 THERE ARE 11 CAPLUS RECORDS THAT CITE THIS

RECORD (13 CITINGS)

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 48 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN

ACCESSION NUMBER: 2000:384159 CAPLUS Full-text

DOCUMENT NUMBER: 133:30670

TITLE: Preparation of substituted

benzo[de]isoquinoline-1,3-diones as glycoprotein IbIX

antagonists

INVENTOR(S): Mederski, Werner; Devant, Ralf; Barnickel, Gerhard;

Bernotat-Danielowski, Sabine; Melzer, Guido; Raddatz, Peter; Wu, Zhengdong; Dhanoa, Daljit; Soll, Richard;

Rinker, James; Graybill, Todd

PATENT ASSIGNEE(S): Merck Patent G.m.b.H., Germany

SOURCE: PCT Int. Appl., 278 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000032577	A2	20000608	WO 1999-EP8561	19991109
WO 2000032577	A3	20000921		

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             JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK,
             MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ,
             TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW
         RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
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                                                                     19991109
     BR 9915648
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                                             BR 1999-15648
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                                 20020429
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                                             MX 2001-5227
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                                20021213
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                                 20050311
                                             IN 2001-KN647
                                                                     20010626
                                             US 1998-199413
PRIORITY APPLN. INFO.:
                                                                 A 19981125
                                             US 1999-398783
                                                                 A
                                                                     19990920
                                             WO 1999-EP8561
                                                                 W
                                                                     19991109
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OTHER SOURCE(S): MARPAT 133:30670

AB The title compds. [I; R = H, NO2; R1 = Het, -HetSO2Ar, NO2, etc.; R2 = Ar, Het1, -Het1Ar, etc.; Ar = Ph, biphenyl, pyridyl, etc.; Het, Het1 = (un)substituted (un)saturated mono-, bi- or tricyclic 5-13 membered heterocyclyl], useful as glycoprotein IbIX antagonists (no data) for the control of thrombotic disorders, were prepared and formulated. E.g., preparation of II was given. Compds. I are effective at 0.02-10 mg/kg/day.

IT1098871-40-9 1098870-39-3 1098871-39-6 1098871-94-3 1098872-08-2 1098872-09-3 1098872-14-0 1098872-73-1 1098872-90-2 1098873-23-4 1098873-24-5 1098873-33-6 1098873-68-7 1098873-74-5 1098873-75-6 1098878-66-0

RL: PRPH (Prophetic)

(Preparation of substituted benzo[de]isoquinoline-1,3-diones as glycoprotein IbIX antagonists)

1098870-39-3 CAPLUS RN

CN INDEX NAME NOT YET ASSIGNED

PAGE 1-A

PAGE 2-A

RN 1098871-39-6 CAPLUS CN

INDEX NAME NOT YET ASSIGNED

RN 1098871-40-9 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1098871-94-3 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1098872-08-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

F3C 
$$NH$$
— $CH_2$ — $CH_2$ — $CH_2$ 
 $NH$ — $CH_2$ 
 $NH$ — $CH_2$ 

RN 1098872-09-3 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1098872-14-0 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1098872-73-1 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1098872-90-2 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1098873-23-4 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1098873-24-5 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1098873-33-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1098873-68-7 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

RN 1098873-74-5 CAPLUS CN INDEX NAME NOT YET ASSIGNED

RN 1098873-75-6 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

RN 1098878-66-0 CAPLUS
CN INDEX NAME NOT YET ASSIGNED

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD

(4 CITINGS)

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 49 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2000:286882 CAPLUS  $\underline{\text{Full-text}}$ 

DOCUMENT NUMBER: 132:308340

TITLE: Preparation of aryltriazolones as agrochemical

fungicides.

INVENTOR(S): Brown, Richard James; Frasier, Deborah Ann; Howard,

Michael Henry, Jr.; Koether, Gerard Michael

PATENT ASSIGNEE(S): E. I. Du Pont de Nemours & Co., USA

SOURCE: U.S., 46 pp., Cont.-in-part of U.S. Ser. No. 442,433,

abandoned. CODEN: USXXAM

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 3

PATENT INFORMATION:

PA:	PATENT NO.						DATE			APPL	ICAT	ION	NO.		Ι	DATE	
	 6057 9636				A A1		2000 1996									9971	113
WO							UG,										
		,	,	,	,	,	PT,	SE,	BF,	ВJ,	CF,	CG,	CI,	CM,	GA,	GN,	ML,
	RW:	,	,	,	TD, AZ,		BG,	BR,	BY,	CA,	CN,	CZ,	EE,	GE,	HU,	IS,	JP,
		,	,	,	,	,	LR,	•	,	,	,	,	,	,	NO,	NZ,	PL,
AU	9657	,	,	,	,	,	TJ, 1996	,	,	,	,	,	,		1	.9960	508
	8259	88			A1											9960	
BR		,	,	,	GB,		1999	0706		BR 1	996-	8756			1	9960	508
	BR 9608756 JP 2002515014										996-					.9960	
PRIORIT	Y APP	LN.	INFO	.:							995- 995-					.9950 .9950	_
											995-	_				.9950	
										WO 1	996-	US65	34		W 1	.9960	508

$$X \longrightarrow X \longrightarrow X$$

Title compds. [I; E = (substituted) 1,2-phenylene; A = O, S, N, NR5, CR14; G = AΒ C, N; when G = C, then A = O, S or NR5 and the floating double bond is attached to G; when G = N, then A = N or CR14 and the floating double bond is attached to A; W = O, S, NH, NA, NOA; A = alkyl; X = OR1, SOR1, halo; R1 = alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, cycloalkyl, alkylcarbonyl, alkoxycarbonyl; R2 = H, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkenyl, cycloalkyl, alkylcarbonyl, alkoxycarbonyl, OH, alkoxy, AcO; R5 = H, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, cycloalkyl, alkylcarbonyl, alkoxycarbonyl; R14 = H, halo, alkyl, haloalkyl, alkenyl, haloalkenyl, alkynyl, haloalkynyl, cycloalkyl; Y = NR15, CO, CHR15OC(S)NR15, etc.; R15 = H , alkyl, cycloalkyl, (substituted) Ph, PhCH2, etc.; Z = (substituted) alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkenyl, Ph, heterocyclyl, etc.], were prepared Thus, 4-[2-(bromomethyl)phenyl]-2,4dihydro-5-methoxy- 2-methyl-3H-1,2,4-triazol-3-one (preparation given) was treated with 4'-chlorothiopropionanilide and KOCMe3 followed by stirring overnight and brief reflux to give [[2-(1,5-dihydro-3-methoxy-1-methyl-5-oxo-4H-1,2,4- triazol-4-yl)phenyl]methyl]-N-(4-chlorophenyl)propanimidothioate. Several I at 200 ppm gave complete control of Puccinia recondita on wheat seedlings.

IT 1100545-83-2 1100547-52-1 1100552-05-3 1100552-58-6

RL: PRPH (Prophetic)

(Preparation of aryltriazolones as agrochemical fungicides.)

RN 1100545-83-2 CAPLUS

CN Benzenepropanamide, 2-(1,5-dihydro-3-methoxy-1-methyl-5-oxo-4H-1,2,4-triazol-4-yl)-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{Me} \\ \text{N} \\ \text{MeO} \\ \end{array}$$

1100547-52-1 CAPLUS

RN

CN INDEX NAME NOT YET ASSIGNED

RN 1100552-05-3 CAPLUS

CN Benzenepropanamide, 2-(2,3-dihydro-5-methoxy-2-methyl-3-oxo-4-isoxazolyl)-N-[3-(trifluoromethyl)phenyl]- (CA INDEX NAME)

RN 1100552-58-6 CAPLUS

CN INDEX NAME NOT YET ASSIGNED

OS.CITING REF COUNT: 8 THERE ARE 8 CAPLUS RECORDS THAT CITE THIS RECORD

(8 CITINGS)

REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 50 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2000:135995 CAPLUS Full-text

DOCUMENT NUMBER: 132:293729

TITLE: Anilide derivatives of an 8-phenylxanthine carboxylic

congener are highly potent and selective antagonists

at human A2B adenosine receptors

AUTHOR(S): Kim, Yong-Chul; Ji, Xiao-duo; Melman, Neli; Linden,

Joel; Jacobson, Kenneth A.

CORPORATE SOURCE: Molecular Recognition Section Laboratory of Bioorganic

Chemistry National Institute of Diabetes Digestive and

Kidney Diseases, National Institutes of Health,

Bethesda, MD, 20892-0810, USA

SOURCE: Journal of Medicinal Chemistry (2000), 43(6),

1165-1172

CODEN: JMCMAR; ISSN: 0022-2623

PUBLISHER: American Chemical Society

DOCUMENT TYPE: Journal LANGUAGE: English

GΙ

AΒ No highly selective antagonists of the A2B adenosine receptor (AR) have been reported; however such antagonists have therapeutic potential as antiasthmatic agents. Here the synthesis of potent and selective A2B receptor Antagonists is reported. The structure-activity relationships (SAR) of 8-phenyl-1,3-di-(n-propyl) xanthine derivs. in binding to recombinant human A2B ARs in HEK-293 cells (HEK-A2B) and at other AR subtypes were explored. Various amide derivs. of 8-[4-[[carboxymethyl]oxy]phenyl]-1,3-di(n-propyl)xanthine, I (R1 = n-Pr, X)= OCH2, R2 = OH) (II), were synthesized. A comparison of aryl, alkyl, and aralkyl amides demonstrated that simple anilides, particularly those substituted in the para-position with electron-withdrawing groups, such as nitro, cyano, and acetyl, bind selectively to human A2B receptors in the range of 1-3 nM. The unsubstituted anilide I (R1 = n-Pr, X = OCH2, R2 = NHPh) had a Ki value at A2B receptors of 1.48 nM but was only moderately selective vs. human A1/A2A receptors and nonselective vs. rat A1 receptors. Highly potent and selective A2B antagonists were a p-aminoacetophenone derivative I (R1 = n-Pr, X = OCH2, R2 = 4-MeOC6H4NH) (Ki value 1.39 nM) and a p-cyanoanilide I (R1 = n-Pr, X = OCH2, R2 = NHC6H4CN-4) (III) (Ki value 1.97 nM). Compound III was 400-, 245-, and 123-fold selective for human A2B receptors vs. human A1/A2A/A3 receptors, resp., and 8.5- and 310-fold selective vs. rat A1/A2A receptors, resp. Substitution of the 1,3-di-Pr groups with 1,3-di-Et offered no disadvantage for selectivity, and high affinities at A2B receptors were maintained. Substitution of the p-carboxymethyloxy group of II and its amides with acrylic acid decreased affinity at A2B receptors while increasing affinity at A1 receptors. 1,3-Di(cyclohexylmethyl) groups greatly reduced affinity at ARs, although the p-carboxymethyloxy derivative I (R1 = cyclohexylmethyl, X = CH:CH, R2 = OH) was moderately selective for A2B receptors. Several selective A2B antagonists inhibited NECA-stimulated calcium mobilization in HEK-A2B cells.

IT 264622-60-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation)

(preparation, human A2B adenosine receptor antagonist activity, and structure-activity relationship of phenylxanthine anilide derivs.)

RN 264622-60-8 CAPLUS

CN Acetamide, 2-[4-(2,3,6,9-tetrahydro-2,6-dioxo-1,3-dipropyl-1H-purin-8-yl)phenoxy]-N-[4-(trifluoromethyl)phenyl]- (CA INDEX NAME)

$$\begin{array}{c} \text{O-CH}_2 \\ \text{O-CH}_2 \\ \text{O-CH}_2 \end{array}$$

OS.CITING REF COUNT: 112 THERE ARE 112 CAPLUS RECORDS THAT CITE THIS

RECORD (113 CITINGS)

REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 51 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 1999:659233 CAPLUS Full-text

DOCUMENT NUMBER: 131:286505

TITLE: Preparation of isoxazoloquinolinones as multidrug

resistance protein (MRP1) inhibitors

INVENTOR(S): Gruber, Joseph Michael; Kroin, Julian Stanley; Norman,

Bryan Hurst

PATENT ASSIGNEE(S): Eli Lilly and Company, USA SOURCE: PCT Int. Appl., 126 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PAT	CENT 1	NO.			KINI	D	DATE			APP:	LICAT	ION :	NO.		D	ATE	
WO	9951	228			A1	_	1999	1014		WO :	 1999-	 US76	<b></b> -		1	9990	407
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		JP,	ΚE,	KG,	KP,	KR,	ΚZ,	LC,	LK,	LR	, LS,	LT,	LU,	LV,	MD,	MG,	MK,
		MN,	MW,	MX,	NO,	ΝZ,	PL,	PT,	RO,	RU	, SD,	SE,	SG,	SI,	SK,	SL,	ТJ,
		TM,	TR,	TT,	UA,	UG,	US,	UΖ,	VN,	YU	, ZA,	ZW					
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MX	2000	0096			A		2001	0316			2000-				_	0001	002
HR	2000	0006	46		A2		2001	0630		HR :	2000-	646			2	0001	003
ИО	2000	0050	23		A		2000	1205		NO :	2000-	5023			2	0001	005
RITY	APP:	LN.	INFO	.:						US :	1998-	8108	0P	]	P 1	9980	408
										WO :	1999-	US76	13	1	W 1	9990	407

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OTHER SOURCE(S): MARPAT 131:286505

PR.

$$\begin{array}{c}
\text{C1} \\
\text{N} \\
\text{N}
\end{array}$$

$$\begin{array}{c}
\text{CH2} \\
\text{m}
\end{array}$$

$$\begin{array}{c}
\text{R} \\
\text{I}
\end{array}$$

AΒ The title compds. (I) [where R = (un) substituted amino(alkyl) or aminoethoxy, or (CH2)m'R3; m and m' = independently 0, 1, or 2; R3 = H, OH, alkoxy, amino ester, amino acid, or (un) substituted amino; R' = H, OH, or (un) substituted alkoxy] were prepared as inhibitors of 190 kDa multidrug resistance protein (MRP1) for inhibiting resistant neoplasms (14 specific neoplasm types claimed). Selected invention compds. were prepared via solution and solid phase combinatorial synthetic methods. For example, 3-(2-chloro-6fluorophenyl)-5-methyl-4-isoxazoyl chloride was coupled with N-(5methylisoxaz-3-oyl)-3-aminobenzylamine to form the amide followed by treatment with NaOH to yield the cyclized title compound (II). Several general procedures using substituted polystyrene resins for combinatorial preparation of title compds. were given. Representative compds. demonstrated significant reversal of MRP1 multiple drug resistance, and many compds. gave significant enhancement of oncolytic agent activities (no data). A large majority of the compds. tested were also said to have displayed a significant degree of selective inhibition of the  ${\rm HL60/ADR}$  cell line over the  ${\rm HL60/VCR}$  cell line in an assay for reversal of MRP1-mediated doxorubicin and vincristine resistance (no data).

IT 1101885-24-8

RL: PRPH (Prophetic)

(Preparation of isoxazoloquinolinones as multidrug resistance protein (MRP1) inhibitors)

RN 1101885-24-8 CAPLUS

CN Urea, N-[3,5-bis(trifluoromethyl)phenyl]-N'-[[3-(9-chloro-3-methyl-4-oxoisoxazolo[4,3-c]quinolin-5(4H)-yl)phenyl]methyl]- (CA INDEX NAME)

$$\begin{array}{c|c} & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\ & & & \\$$

OS.CITING REF COUNT: 10 THERE ARE 10 CAPLUS RECORDS THAT CITE THIS

RECORD (10 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 52 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 1995:346786 CAPLUS Full-text

DOCUMENT NUMBER: 122:133193

ORIGINAL REFERENCE NO.: 122:24843a,24846a TITLE: Preparation of

N-[[2'-(1H-tetrazol-5-yl)-1,1'-biphenyl-4-yl]methyl]urea derivatives as angiotensin II

antagonists

INVENTOR(S): Mori, Tetsuya; Matsui, Toshiaki; Kawamura, Masanori

PATENT ASSIGNEE(S): Ono Pharmaceutical Co, Japan SOURCE: Jpn. Kokai Tokkyo Koho, 44 pp.

CODEN: JKXXAF

DOCUMENT TYPE: Patent LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 06211814	A	19940802	JP 1993-22099	19930114
JP 3116256	В2	20001211		
PRIORITY APPLN. INFO.:			JP 1993-22099	19930114
		- 100 100100		

OTHER SOURCE(S): MARPAT 122:133193
GI For diagram(s), see printed CA Issue.

The title compds. [I; T = O, S; ring A = benzene ring, 4- to 7-membered ring AΒ monocyclic unsatd. heterocycle containing 1 S or 1 N atom.; R1 = C1-8 alkyl; R2 = H, C1-4 alkyl, alkoxy, alkylthio, or hydroxyalkyl, halo, trihalomethyl, trihalomethyloxy, NO2, Ph, OCH2Ph, DR4, etc. (wherein D = single bond, C1-4 alkylene or alkyleneoxy, R4 = CO2R5, CH(OH)CO2R5, C(O)CO2R5, COCH2OH; R5 = H, C1-4 alkyl, CH2CONR6R7; R6, R7 = H, C1-4 alkyl); R3 = H, C1-4 alkyl, C2-6alkenyl, CO2H, C1-4 alkoxycarbonyl, CONR12R13 (wherein R12, R13 = H, C1-3 alkyl or N R12R13 = 4- to 7-membered ring saturated monocyclic heterocyclyl containing 1 or 2 N atoms or 1 N and 1 O atom); Z = 1H-tetrazol-5-yl; m = 1-3;provided that when m = 3, all 3 R2 = DR4 and all 3 R4 = CO2R5], useful for the treatment of hypertension, are prepared Thus,  $77~\mu L$  Et3N and 105 mg Et 2isocyanatobenzoate were added to a suspension of N-butyl-N-[[2'-[1-(2- $\verb|cyanoethyl|| \texttt{tetrazol-5-yl}| -1, \texttt{1'-biphenyl-4-yl}| \texttt| methyl| \texttt| amine hydrochloride in the state of the state of$ THF and the resulting mixture was stirred at room temperature for 1 h to give intermediate (II; R = CH2CH2CN). The latter compound was stirred with DBU in THF at room temperature for 5 h to give title compound II (R = H) which (109)mg) was dissolved in 1,4-dioxane-H2O (2:1), treated with 0.22 mL 1 N aqueous NaOH, and lyophilized to give 260 mg title compound Na salt II (R = Na) (III). A tablet formulation containing III was described.

IT 160838-05-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of N-[[(1H-tetrazoly1)biphenyly1]methy1]-N-(Ph or heterocycly1)urea derivs. as angiotensin II antagonists)

RN 160838-05-1 CAPLUS

CN Urea, N-butyl-N-[[2'-(2H-tetrazol-5-yl)[1,1'-biphenyl]-4-yl]methyl]-N'-[2-(trifluoromethyl)phenyl]-, sodium salt (1:1) (CA INDEX NAME)

$$R \longrightarrow N \longrightarrow CH2$$
 $N \longrightarrow N \longrightarrow N$ 
 $N \longrightarrow N$ 
 $N$ 

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L4 ANSWER 53 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 1993:22235 CAPLUS Full-text

DOCUMENT NUMBER: 118:22235

ORIGINAL REFERENCE NO.: 118:4185a,4188a TITLE: Preparation of

N-[(carbamoylaminosulfonyl)biphenylylmethyl]imidazoles

as angiotensin II receptor antagonists

INVENTOR(S): Wagner, Adalbert; Englert, Heinrich; Kleemann, Heinz

Werner; Gerhards, Hermann; Schoelkens, Berward;

Becker, Reinhard; Liz, Wolfgang

PATENT ASSIGNEE(S): Hoechst A.-G., Georgia SOURCE: Eur. Pat. Appl., 88 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PA	TENT NO.			KINI		DATE		API	PLICATION NO.		DATE
	503162 503162			A1 B1		1992 1998		EP	1991-122406		19920101
	R: AT,	BE,	CH,	DE,	DK,	ES,	FR,	GB, GI	R, IT, LI, LU,	NL, P	T, SE
CA	2058198			A1		1992	0705	CA	1991-2058198		19911220
ΑU	9190110			A		1992	0709	AU	1991-90110		19911231
ΑU	653760			В2		1994	1013				
IL	100568			A		1996	1114	IL	1991-100568		19911231
ΑT	165351			${ m T}$		1998	0515	AT	1991-122406		19920101
ES	2114874			Т3		1998	0616	ES	1991-122406		19920101
FI	9200017			Α		1992	0705	FI	1992-17		19920102
NO	9200048			Α		1992	0706	NO	1992-48		19920103
NO	301881			В1		1997	1222				
HU	60249			A2		1992	0828	HU	1992-21		19920103
BR	9200011			Α		1992	0908	BR	1992-11		19920103
CN	1066844			A		1992	1209	CN	1992-100036		19920103
CN	1028755			С		1995	0607				
ZA	9200036			A		1993	1004	ZA	1992-36		19920103

PL	168887	B1	19960430	PL	1992-293064		19920103
RU	2104272	C1	19980210	RU	1992-5010754		19920103
JP	04308587	A	19921030	JΡ	1992-17423		19920104
JP	07110854	В	19951129				
LV	10435	В	19950820	LV	1993-286		19930504
LT	3373	В	19950825	LT	1993-716		19930625
US	<b>548295</b> 7	A	19960109	US	1994-234591		19940428
PRIORITY	Y APPLN. INFO.:			DE	1991-4100109	Α	19910104
				DE	1991-4109949	Α	19910326
				DE	1991-4121229	А	19910627
				US	1991-806634	В1	19911213

OTHER SOURCE(S): MARPAT 118:22235

GΙ

Title compds. I [X, Y, Z = N, CR2; R1 = C2-10 alkyl, C3-8 cycloalkyl, benzyl, etc.; R2 = H, halo, NO2, cyano, Ph, etc.; A = substituted biphenylyl; L = C1-3 alkylene; q = 0,1] were prepared as angiotensin II receptor antagonists useful as antihypertensives. Thus, Et 2-n-butyl-4-methylthioimidazole-5-carboxylate (preparation given) was N-alkylated by 2-(4-BrCH2C6H4)C6H4SO2NHCONMe2 (preparation given) followed by deaminoformylation, treatment with CH2:CHCH2N:C:O and hydrolysis to give title compound II, which had IC50 of 4.6 nM in an angiotensin II receptor binding assay.

IT 144627-61-2P 144627-62-3P 144627-73-6P 144627-74-7P 144628-00-2P 144628-01-3P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of, as angiotensin II receptor antagonist)

RN 144627-61-2 CAPLUS

CN [1,1'-Biphenyl]-3-sulfonamide, 4'-[(2-butyl-4-chloro-5-formyl-1H-imidazol-1-yl)methyl]-N-[[[2-(trifluoromethyl)phenyl]amino]carbonyl]- (CA INDEX NAME)

RN 144627-62-3 CAPLUS

CN [1,1'-Biphenyl]-3-sulfonamide, 4'-[(2-butyl-4-chloro-5-formyl-1H-imidazol-1-yl)methyl]-N-[[[4-(trifluoromethyl)phenyl]amino]carbonyl]- (CA INDEX NAME)

RN 144627-73-6 CAPLUS

CN [1,1'-Biphenyl]-2-sulfonamide, 4'-[(2-butyl-4-chloro-5-formyl-1H-imidazol-1-yl)methyl]-N-[[[2-(trifluoromethyl)phenyl]amino]carbonyl]- (CA INDEX NAME)

RN 144627-74-7 CAPLUS

CN [1,1'-Biphenyl]-2-sulfonamide, 4'-[(2-butyl-4-chloro-5-formyl-1H-imidazol-1-yl)methyl]-N-[[[4-(trifluoromethyl)phenyl]amino]carbonyl]- (CA INDEX NAME)

RN 144628-00-2 CAPLUS

CN [1,1'-Biphenyl]-2-sulfonamide, 4'-[[2-butyl-4-chloro-5-(hydroxymethyl)-1H-imidazol-1-yl]methyl]-N-[[[4-(trifluoromethyl)phenyl]amino]carbonyl]- (CA INDEX NAME)

RN 144628-01-3 CAPLUS

CN [1,1'-Biphenyl]-2-sulfonamide, 4'-[[2-butyl-4-chloro-5-(hydroxymethyl)-1H-imidazol-1-yl]methyl]-N-[[[2-(trifluoromethyl)phenyl]amino]carbonyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 3 THERE ARE 3 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

L4 ANSWER 54 OF 54 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 1990:514704 CAPLUS <u>Full-text</u>

DOCUMENT NUMBER: 113:114704

ORIGINAL REFERENCE NO.: 113:19426h,19427a

TITLE: The conversion of phenols to primary and secondary

aromatic amines via a Smiles rearrangement

AUTHOR(S): Coutts, Ian G. C.; Southcott, Mark R.

CORPORATE SOURCE: Dep. Chem. Phys., Nottingham Polytech., Nottingham,

NG11 8NS, UK

SOURCE: Journal of the Chemical Society, Perkin Transactions

1: Organic and Bio-Organic Chemistry (1972-1999)

(1990), (3), 767-71

CODEN: JCPRB4; ISSN: 0300-922X

DOCUMENT TYPE: Journal LANGUAGE: English

OTHER SOURCE(S): CASREACT 113:114704

The conversion of phenols to 2-(aryloxy)-2-methylpropanamides (I) and the Smiles rearrangement of these to N-aryl-2-hydroxy-2-methylpropanamides are described. Hydrolysis of the latter compds. yields anilines. The scope and limitations of reaction are discussed. Routes, some involving  $\alpha$ -lactams, from phenols to N-substituted derivs. of I have been developed. Under the conditions of the Smiles rearrangement, these secondary 2-methylpropanamides can form anilides, N-alkylanilines, or benzoxazinones directly.

IT 128965-90-2P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation and Smiles rearrangement of)

RN 128965-90-2 CAPLUS

CN Propanamide, 2-([1,1'-biphenyl]-4-yloxy)-N-[3,5-bis(trifluoromethyl)phenyl]-2-methyl- (CA INDEX NAME)

OS.CITING REF COUNT: 25 THERE ARE 25 CAPLUS RECORDS THAT CITE THIS RECORD (25 CITINGS)

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
STN INTERNATIONAL LOGOFF AT 10:09:16 ON 13 JUL 2010